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Citizen's Guide
to
Environment Canada

The Citizen's Guide to Environment Canada is for all groups and individuals who are concerned about environmental issues and want to know about Environment Canada's role in environmental protection and conservation.



1982

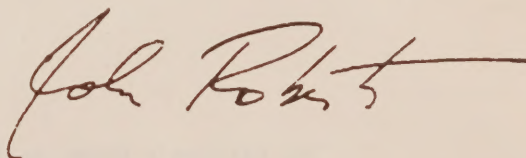
FOREWORD

In the ten years since Environment Canada was created, the public's desire to be informed about environmental issues has increased enormously. Today, more openness is expected from government, along with a stronger commitment to protect the environment with legislation. Citizens expect to be involved in decisions on environmental issues. The department's new Policy for Public Consultation and Information Availability grew out of these expectations.

But how can we exchange information and opinions, and how can we consult the public, if they can't find their way through the maze of government? This guide is intended to help you find the most direct route to what you want to know about Environment Canada. It points out areas for dialogue between the department and citizens' groups, possibilities for working together, and ways the public can use the department's resources to supplement their own work on environmental concerns.

I hope the Citizen's Guide will improve the flow of information in both directions. Within Environment Canada, I hope it has the effect of building bridges to the public.

Stewardship of the environment is everyone's business. The Citizen's Guide is offered in an effort to build a stronger stewardship of the environment and the consensus we need to work together.

A handwritten signature in dark ink, appearing to read "John Roberts", with a long horizontal flourish extending to the right.

John Roberts, Minister

INTRODUCTION

Canada's Department of the Environment officially came into being January 11, 1971. The primary objective of the Department of the Environment (DOE), commonly referred to as Environment Canada, is to preserve and enhance the quality of the environment for the benefit of present and future generations of Canadians.

The Citizen's Guide to Environment Canada was written for a wide audience: all groups and individuals who are concerned about environmental issues and want to know about Environment Canada's role in environmental protection and conservation. The members of this audience are widely dispersed, from coast to coast and north to south. Although their environmental concerns may be primarily regional, their interests generally include broader environmental concerns that link them with other regional groups.

Why is a citizen's guide necessary? Over the course of time, grass-roots environmental groups come and go, they evolve, change names, directions, come together and split in an organic way. New environmental groups often have the fewest resources to understand and reach government. We hope the Citizen's Guide will help them before they become frustrated with the bureaucracy. The Guide should also help groups already established as major environmental organizations in Canada. By refining and broadening their current knowledge of us, it should help them educate new members of their staffs about our administrative system. We hope the Citizen's Guide will also help the media, as well as labor, health, native and other public interest groups who are concerned about environmental issues. Exercising your right to know exercises the muscles of democratic government. It ensures that they will respond when called upon and not be weak or lax from disuse.

The description of Environment Canada's mandate in Part 4 should help the public to see our legislated responsibilities and direct their initiatives for change to the political process.

We expect to publish annual editions of the Citizen's Guide with information revised and brought up to date. Some of the names and phone numbers of Environment Canada contacts listed here will change more often than that, however. We have left space in the margins, especially in the lists of contacts in Part 1, for you to write in changes and corrections as you use the Citizen's Guide.

If you find mistakes or gaps in the Guide, let us know about them so that they can be corrected in the next edition. All changes for the 1983 edition should be sent by December 31, 1982. Please send suggestions or corrections to: Michel Gagnon, Citizen's Guide, Environment Canada, Public Affairs, Ottawa, Canada K1A 0H3.

Other Documents for Reference

- Policy for Public Consultation and Information Availability

This brochure describes the framework within which the Department of the Environment will conduct its public consultation activities in the future.

Citizen's Guide
to
Environment Canada

For quick and precise user reference, this guide is divided into the following four parts:

Part One: Getting Information

Part Two: Getting Involved

Part Three: Getting Funding

Part Four: Environment Canada's Mandate and How It Is Carried Out

PART ONE: GETTING INFORMATION

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PART 1. GETTING INFORMATION

Part one of the Citizen's Guide is a working handbook to Environment Canada, a tool to be used to exercise your right to know. It provides descriptions of the main sources of information in the department, the names of resource people who can provide information on a wide variety of environmental subjects and issues, and a list of key publications. Addresses of Environment Canada regional offices are on pp.1-10 and 1-11. Headquarters addresses may be found on p.1-40.

Providing the public with opportunities to comment directly to departmental officials on the policies, programs and regulations of Environment Canada is a relatively recent development. It has evolved slowly and cautiously, in order not to undermine the role of elected representatives in our democratic system.

Many of the suggestions made here are not widely known or used by environmental groups or by others interested in the environment. Some of them are also not well known among the staff of Environment Canada, so be prepared to give the contact name or the source of your information, the Citizen's Guide. Many more opportunities for consultation are waiting to be developed as the public's role in the management, enhancement and protection of our environment evolves.

1.1 Information Directorate

The Enquiry Centre

The key source of information in Environment Canada is the Enquiry Centre. You may write or phone the centre, (819) 997-2800, about any environmental matter. The staff will provide you with information directly, or contact someone else in the department who can answer your question.

One of the Enquiry Centre's most useful tools is the quarterly Notice of Publications, produced and mailed free of charge to all individuals or groups who wish to receive it. It lists all scientific, technical and interpretive materials published by Environment Canada in the previous three months.

You may subscribe by writing:

Enquiry Centre
Information Directorate
Environment Canada
Ottawa, Canada K1A 0H3

If you wish to receive speeches, press releases, general or scientific papers on such issues as forestry, freshwater management, or wildlife (among others) on a regular basis, write to the Enquiry Centre and ask for the application for free publications. Fill it in and return it to the Enquiry Centre.

Another service provided by the Enquiry Centre is a listing of popular publications available at no cost. The list includes fact sheets and pamphlets on such topics as acid rain, water use in Canada and PCBs; and substantial documents such as the Annual Report of Environment Canada.

Senior Communications Advisers

For each service of Environment Canada, and for certain issues like acid rain that involve several services, there are senior communications advisers (SCAs) who are well informed about their particular service or issue. (See pages 1-10 to 1-39 for regional information contacts.) If you need help to obtain specialized information on the programs or projects of Environment Canada for a journal article, newsletter or to satisfy your organization's interest in an issue, you may want to consult an SCA. Phone (819) 997-6555, or write:

Environment Canada
Information Directorate
Ottawa, Ontario
K1A 0H3

Contact Lists

Contact lists, giving the names and telephone numbers of scientists and other specialists on particular environmental topics, are available for several of the services of Environment Canada. If you would like the contact list for the Environmental Protection Service, the Atmospheric Environment Service, or the Canadian Wildlife Service, write to the above address. See p.1-7 for Parks Canada's free telephone directory.

The Information Directorate has prepared a contact list/wall calendar which lists key headquarters and regional contacts for all the services. It is available free from the Enquiry Centre.

The Government of Canada telephone directory is another useful tool. You may order a copy from the Department of Supply and Services, Hull, Quebec K1A 0S9. Price: \$8.00.

Public Affairs Branch

If you want information on Environment Canada's liaison activities with environmental public interest groups, or if you have ideas of your own you would like to discuss, you may do so by contacting:

Public Affairs Officer
Information Directorate
Environment Canada
Ottawa, Ontario K1A 0H3
(819) 994-1410

If you wish to save yourself long-distance phone charges, you may call and leave a message to have your call returned. (See regional listings, starting on p.1-10, for regional public affairs contacts.)

On occasion, the Public Affairs Branch may make photocopying facilities and long-distance phone lines available. Contact the Public Affairs Officer for further information.

Other services available from the Information Directorate:

- A news clipping file by environmental subject is available for use by the public at the Information Directorate.
- A Citizens' Bulletin: published bimonthly by Environment Canada and Friends of the Earth Canada for environmental groups. The bulletin accepts news, letters, opinions and graphics from citizens everywhere. The opinions expressed are those of the individual writers. Write to the Enquiry Centre to be put on the mailing list for this free publication. To contribute news from your organization, write to Kris Klaasen, Citizens' Bulletin, Friends of the Earth, P.O. Box 569, Station B, Ottawa, Ontario K1P 5P7, or call Friends of the Earth at (613) 235-1372 or (613) 235-3860.

- Environment Update: a bimonthly publication of the Information Directorate, designed to inform the public on Environment Canada policy and programs and to facilitate public consultation on departmental activities. Write to the Enquiry Centre to be put on the mailing list for this publication.

Access to Information Legislation

Environment Canada is committed to share information and develop public awareness of environmental problems (Government Organization Act, Bill C-35, 1979).

If information is obtained under a joint federal-provincial agreement, not bound by federal law, then both levels of government will have to give their consent in order to release it. The same applies to private information obtained from industry provided it is not covered by federal law.

The proposed Access to Information Legislation now in Parliament (Bill C-43) will offer the public new mechanisms for obtaining information. "Under the legislation, Canadians would have access to a wider range of government documents including Cabinet discussion papers, program evaluations, product testing results, internal government directives, salary ranges of officials, details of government contracts and factual details of every variety on government operation." (Press release, Secretary of State, July 17, 1980.)

To help the public make effective use of the new law, the government will be required to: "Make broadly available a comprehensive index containing a detailed account of the organization, programs and responsibilities of each government department, the classes of records it keeps and a list of administrative manuals it uses in carrying out its functions." The index would also indicate the title and addresses of departmental officers responsible for providing information. A bulletin is to be published periodically updating information in the index and providing other information on the implementation of the act.

To obtain a copy of the proposed legislation, you might first try contacting your member of Parliament and requesting a copy of Bill C-43. Or call the Canadian Government Publishing Centre, p.1-9.

If you would like a press kit on the proposed Access to Information Act, contact:

Robert Pruner
Communications Branch
Secretary of State
Ottawa, Canada K1A 0M3
(819) 997-0055

If you have specific questions concerning the interpretation of sections of the act, contact:

Robert Auger
Privy Council Office
Langevin Block
Ottawa, Canada K1A 0A3
(613) 992-1754

Environment Canada is in the process of compiling a comprehensive index of all departmental information, published and unpublished, public and confidential, which will become available to public organizations.

A calendar of events, such as proposed acts, regulations, guidelines, policies or amendments to established procedures, will also be published to keep the public abreast of departmental activities so the public can advise Environment Canada on these matters (see Public Consultation Policy p.2-1).

1.2 Parks Canada

All offices of Parks Canada and all national parks, national historic sites and heritage canals are locations where the public can request information. These offices will either answer your question directly or see that it is answered by a qualified person in Parks Canada. (See pages 1-10 to 1-39, Regional Contacts, for the addresses of Parks Canada offices.) To contact the superintendent of any one of the national parks, use the addresses given below.

Pacific Rim National Park
P.O. Box 280
Ucluelet, British Columbia V0R 3A0
(604) 726-7721

Pukaskwa National Park
P.O. Box 550
Marathon, Ontario P0T 2E0
(807) 229-0801

Mount Revelstoke National Park
P.O. Box 350
Revelstoke, British Columbia V0E 2S0
(604) 837-5155

Glacier National Park
P.O. Box 350
Revelstoke, British Columbia V0E 2S0
(604) 837-5155

Yoho National Park
P.O. Box 99
Field, British Columbia V0A 1G0
(604) 343-6324

Kootenay National Park
P.O. Box 220
Radium Hot Springs
British Columbia V0A 1M0
(604) 347-9615

Waterton Lakes National Park
Waterton Park, Alberta T0K 2N0
(403) 859-2262 or 859-2352

Banff National Park
P.O. Box 900
Banff, Alberta T0L 0C0
(403) 762-3324

Jasper National Park
P.O. Box 10
Jasper, Alberta T0E 1E0
(403) 852-4401

Elk Island National Park
Site 4, R.R. 1
Fort Saskatchewan
Alberta T8L 2N7
(403) 998-3781

Georgian Bay Islands
National Park
P.O. Box 28
Honey Harbour, Ontario P0E 1E0
(705) 756-2415

Point Pelee National Park
R.R. No. 1
Leamington, Ontario N8H 3V4
(519) 326-3204

St. Lawrence Islands
National Park
P.O. Box 469, R.R. 3
Mallorytown Landing
Ontario K0E 1R0
(613) 923-5241

La Mauricie National Park
P.O. Box 758
Shawinigan, Quebec G9N 6V9
(819) 536-2638

Auyuittuq National Park Reserve
Pangnirtung
Northwest Territories X0A 0R0
(819) 437-8962 (satellite call)

Forillon National Park
P.O. Box 1220
Gaspé, Quebec G0C 1R0
(418) 368-5505

Kouchibouguac National Park
Kent County
New Brunswick E0A 2A0
(506) 876-2443

Fundy National Park
Alma, N.B. E0A 1B0
(506) 887-2000

Kluane National Park Reserve
Mile 1019, Alaska Highway
Experimental Farm
Haines Junction
Yukon Territory Y0B 1L0
(403) 634-2251

Nahanni National Park Reserve
Postal Bag 300
Fort Simpson, N.W.T. X0E 0N0
(403) 695-3151

Wood Buffalo National Park
P.O. Box 750
Fort Smith, N.W.T. X0E 0P0
(403) 872-2349

Prince Albert National Park
P.O. Box 100
Waskesiu Lake
Saskatchewan S0J 2Y0
(306) 663-5322

Riding Mountain National Park
Wasagaming
Manitoba R0J 2H0
(204) 848-2811

Prince Edward Island
National Park
P.O. Box 487
Charlottetown, P.E.I. C1A 7L1
(902) 672-2211

Kejimikujik National Park
P.O. Box 36, Maitland Bridge
Annapolis County, N.S. B0T 1N0
(902) 242-2770

Cape Breton Highlands
National Park
Ingonish Beach
Cape Breton, N.S. B0C 1L0
(902) 285-2270

Gros Morne National Park
P.O. Box 130, Rocky Harbour
Bonne Bay
Newfoundland A0K 4N0
(709) 458-2417

Terra Nova National Park
Glovertown
Newfoundland A0G 2L0
(709) 533-2801

You may contact the Enquiry Centre of Environment Canada for further information on Parks Canada.

National Parks Documentation Centre

The National Parks Documentation Centre collects national, international and provincial information about all aspects of national parks planning, catalogues it, and makes it available to government personnel, university staff or students, and interested individuals or organizations. The centre has more than 10 000 documents on topics such as national parks policy, planning and management, and terrestrial and marine environments.

A complete set of catalogues is kept at the Documentation Centre. Regional offices of Parks Canada (see Part 1) have subject and title listings which you may use to order materials. Requests for documents are accepted by interlibrary loan request, telephone, letter or personal visit.

Computer searches can be conducted at the Documentation Centre or through the regional offices free on request by letter, telephone or in person. Microfiche bibliographies that list the baseline environmental studies conducted for each of the national parks are available free of charge. The centre publishes a monthly new acquisitions list, to which you may subscribe.

For further information or to order materials contact:

Brian Silcoff, Chief
National Parks Documentation Centre
Parks Canada, Environment Canada
Les Terrasses de la Chaudière
10 Wellington Street, Room 2512
Hull, Quebec K1A 1G2
Telephone: (819) 994-2844

1.3 Environmental Assessment and Review Process

The Federal Environmental Assessment Review Office (FEARO) issues a number of publications that explain the Environmental Assessment and Review Process (EARP): Guidelines for the Preparation of Initial Environmental Evaluation (IEE), Guidelines for a Full Environmental Impact Statement (EIS) (published separately for each project), and Guide for Environmental Screening of Proposed Projects. All these documents are written for project proponents, but are also available to the general public.

You may also subscribe to FEARO's free quarterly bulletin, the Register of Panel Projects. To stay up to date on all new projects scheduled for full environmental assessment review, write to FEARO and ask to be placed on the mailing list.

A list of FEARO publications, including reports of the Environmental Assessment and Review Process on all reviewed projects, is available from the following offices:

Federal Environmental Assessment Review Office
13th Floor, Fontaine Building
200 Sacré-Coeur Boulevard
Hull, Quebec
Mailing address: FEARO, Ottawa, Canada K1A 0H3

Federal Environmental Assessment Review Office
700 - 789 West Pender Street
Vancouver, B.C. V6C 1H2

1.4 Canadian Environmental Advisory Council

The best source of information about the Canadian Environmental Advisory Council is its Annual Review, which comments on the status of a number of Canadian environmental issues and on CEAC's work.

Write to the CEAC Secretariat, Environment Canada, Ottawa, Canada K1A 0H3 to be placed on its mailing list for this publication, to obtain back issues, or to request a list of all CEAC publications. There is no charge for small orders of publications.

CEAC has a small reference library which is open to visitors. For further information, contact:

Keith Fraser
Associate Secretary
CEAC
Environment Canada
Ottawa, Canada K1A 0H3
(819) 997-1171

Canadian Government Publishing Centre

Federal information and copies of legislation may be ordered from:

Canadian Government Publishing Centre
Department of Supply and Services
Hull, Quebec
K1A 0S9
(819) 997-5362

1.5 Contacts on Environmental Issues: The Regions

Each regional office and headquarters service of Environment Canada has supplied a list of people whom you may call for information on specific environmental subjects. Regional contacts are listed first, because it is easier and cheaper to approach the resource centre nearest you before addressing headquarters offices. The lists vary from region to region, both in the issues that take priority and in the regional approach to problems.

The list of headquarters staff begins on page 1-40. Should you wish to write to headquarters offices, addresses are provided on page 1-40.

Some of the services of Environment Canada (EPS, AES, CWS, Parks Canada) have compiled more extensive lists of personnel who can provide more specialized information. Contact the Senior Communications Adviser for EPS, CWS and Parks Canada in Ottawa-Hull and for AES in Downsview (Toronto) if you would like to obtain these lists. (See pages 1-10 to 1-39.)

Pacific and Yukon Region

The Pacific and Yukon Region publishes a free Guide to Services which is brought up to date annually. Press releases and other regional information are sent out to interested people. To be placed on the mailing list or to enquire about any regional information or publications, contact the Regional Information Directorate at the address given below.

L.A. Smithers,
Regional Director General
903 - 1001 West Pender Street
Vancouver, B.C. V6E 2M7
(604) 666-8941

Regional Information Directorate
Paul Mitchell, Director
401-1001 West Pender Street
Vancouver, B.C. V6E 2M7
(604) 666-6058

Environmental Protection Service
B.A. Heskin, Regional Director
Kapilano 100, Park Royal
West Vancouver, B.C. V7T 1A2
(604) 666-6711

Lands Directorate
Dr. D.S. Lacate, Regional
Director
904 - 1001 West Pender Street
Vancouver, B.C. V6E 2M7
(604) 666-3161

Canadian Wildlife Service
G.H. Staines, Regional Director
P.O. Box 340
Delta, B.C. V4K 3Y3
(604) 946-8546

Atmospheric Environment Service
J.R. Mathieson, Regional Director
1200 West 73rd Avenue
Vancouver, B.C. V6P 6H9
(604) 732-4673

Environmental Protection Service
Yukon Office
Colin Wykes, Director
Room 225, Federal Building
Whitehorse, Yukon Y1A 2B5
(403) 667-6487

Inland Waters Directorate
E.M. Clark, Regional Director
502 - 1001 West Pender Street
Vancouver, B.C. V6E 2M9
(604) 666-3357

Canadian Forestry Service
D.R. McDonald, Regional Director
Pacific Forest Research Centre
506 West Burnside Road
Victoria, B.C. V8Z 1M5
(604) 388-3811

Parks Canada
Mountain parks in B.C. are
administered from Parks Canada's
Western Region office in Calgary.
(See p.1-18.)

Western and Northern Region

Dr. A.H. Macpherson,
Regional Director General
9942-108 Street, 8th Floor
Edmonton, Alberta T5K 2J5
(403) 420-2550

Regional Public Affairs
Garth Norris
Adviser
(403) 420-2545

Environmental Protection Service
804, 9942-108 Street
Edmonton, Alberta T5K 2J5

AREA OF ENQUIRY	CONTACT	NUMBER
Policy Issues	Jack Parkinson Nick Tywoniuk	(403) 420-2572 (403) 420-2570
Alberta	Ray Orr Saskatchewan District Office Regina	(403) 420-2599
Manitoba	Hamish Gavin Manitoba District Office Winnipeg	(204) 949-2961
Northwest Territories	Brian Wilson Northwest Territories District Office Yellowknife	(403) 873-3456
General Enquiries	Public Affairs	(403) 420-2540
Publications	Anne Marie Downey	(403) 420-2545

Inland Waters Directorate
1st Floor, Motherwell Building
1901 Victoria Ave.
Regina, Saskatchewan S4P 3R4
(306) 359-5318

AREA OF ENQUIRY	CONTACT	NUMBER
Policy Issues	Denis Davis Regional Director	(306) 359-5319
Water Survey of Canada	Gerry Morton, Chief Alberta District	(403) 231-5301
	Bob Halliday, Chief Saskatchewan District	(306) 359-5338
	Dale Kimmett, Chief Manitoba District	(204) 949-2434
Water Quality Branch	Robin Sampson	(403) 231-5620
Water Planning and Management	Steve Fenety	(306) 359-5326
Northwest Territories Office	Bob Hale Yellowknife	c/o (403) 920-8500
National Water Research Institute	Ed Ongley Winnipeg	(204) 269-7379
General Enquiries	Public Affairs Edmonton	(403) 420-2546
Publications	Anne Marie Downey Public Affairs	(403) 420-2545

Canadian Wildlife Service
9942-108 Street, 10th Floor
Edmonton, Alberta T5K 2J5
(403) 420-2545

AREA OF ENQUIRY	CONTACT	NUMBER
Policy Issues	Gordon Kerr Regional Director	(403) 420-2536
Habitat Management and Research (including crop damage)	Arni Goodman	(403) 420-2538
Wildlife Research and Interpretation	George Scotter	(403) 420-2522
Ecological Assessment	Roger Edwards	(403) 420-2517
General Enquiries	Public Affairs	(403) 420-2546
Publications	Anne Marie Downey	(403) 420-2545

Canadian Forestry Service
Northern Forest Research Centre
5320-122 Street
Edmonton, Alberta T6H 3S5

AREA OF ENQUIRY	CONTACT	NUMBER
Policy Issues	Dave Kiil Regional Director of Forestry	(403) 435-7210
Forest Resources Research (includes fire, forest renewal and economics research)	John Powell	"
Environmental Research (including atmospheric pollution, water yield and quality, biophysical research)	Surj Malhotra	"
Technical Services (Forest Insect and Disease Survey, insect control)	Harry Johnson	"
Publications	Judy Samoil	"
General Enquiries	Public Affairs	(403) 420-2540

The Northern Forest Research Centre has produced three ecotours (Calgary-Golden, Calgary-Regina and Regina-Winnipeg) to add to the knowledge and enjoyment of travelers along the Trans-Canada Highway. Approximately 60 scientific and technical publications are produced each year.

Atmospheric Environment Service

Western Region
Argyll Centre
6325-103 Street
Edmonton, Alberta
(403) 437-1250

Central Region
Room 100
2626 Graham Avenue
Winnipeg, Manitoba R3C 3V4
(204) 949-2024

AREA OF ENQUIRY	CONTACT	NUMBER
Policy Issues	Mike Balshaw Regional Director Central Region, Winnipeg	(204) 949-4380
	Bev Burns Regional Director Western Region, Edmonton	(403) 437-1250
Weatheradio Canada	Steve Checkwich Edmonton	(403) 437-1530
	Ray O'Brien Regina	(306) 359-5738
	Dale Henry Winnipeg	(204) 949-4378
Severe Weather Watch Program	Ray O'Brien Regina	(306) 359-5738
	Don Bauer Saskatoon	(306) 665-4264
Acid Rain	Av Mann Edmonton	(403) 437-1250
	Hugh Fraser Winnipeg	(204) 949-4379
Beaufort Sea Operations	John Mills	(403) 437-1540
Publications	Anne Marie Downey Public Affairs, Edmonton	(403) 420-2545

Parks Canada, Prairie Region
(Manitoba, Saskatchewan, Northwest Territories, Yukon Territory)
W.D. Harper, Director
4th Floor, 391 York Ave.
Winnipeg, Manitoba R3C 0P4
(204) 949-2120

AREA OF ENQUIRY	CONTACT	NUMBER
Chief, Master Planning	M. Fay	(204) 949-3179
Chief, Archaeological Research	G. Adams	(204) 949-2136
Chief, Historical Research		(204) 949-2139
Chief, External Liaison	Lorne Hanson	(204) 949-2914
Chief, Natural Resource Conservation	D. MacMillan	(204) 949-3113
Chief, Historical Resource Conservation	C. Wynnobel	(204) 949-6281
Information Adviser	Mrs. J. McCrea	(204) 949-2110
Chief, Visitor Services		(204) 949-2914
Chief, Interpretation	R. Sutton	(204) 949-3108

Parks Canada, Western Region
(B.C., Alberta)
W.C. Turnbull, Director
5th Floor, 220 Fourth Ave. S.E.
Calgary, Alberta T2P 3H8
(403) 231-4444

AREA OF ENQUIRY	CONTACT	NUMBER
Resource Conservation	J.C. Holroyd	(403) 231-4458
Historic Conservation	H. Tatro	(403) 231-4652
Native Consultation and Liaison	J. Watts	(403) 231-4428
Public Participation	S. Moore	(403) 231-4418
Archaeological Research	D. Steer/Bill Yeo	(403) 231-4466
Historical Research	John Porter	(403) 231-4768
Lake Louise Development	J. Swannack	(403) 522-3763
Master Planning	J. Hartley	(403) 231-4439
Regional Information Adviser	K. Preston	(403) 231-4745

Ontario Region

Regional Director General:
 Howard L. Ferguson (until December 1982)
 Dr. Robert Slater (from January 1983)
 55 St. Clair Ave. East, 7th Floor
 Toronto, Ontario M4T 1M2
 (416) 637-4220

Canadian Wildlife Service
 1725 Woodward Dr.
 Ottawa, Ontario
 K1A 0E7

AREA OF ENQUIRY	CONTACT	NUMBER
Policy Issues	J.E. Bryant Regional Director	(613) 998-4693
Migratory Birds, General	S.G. Curtis	(613) 998-4693
Wildlife Other Than Migratory Birds	T.C. Dauphiné	(613) 998-4693
Damage Caused by Migratory Birds	J.R. Charron W.H. Lee J.L. Sullivan	(613) 998-4693 (613) 966-5655 (519) 681-0486
Ecological Assessment	J.F. Carreiro Gary McCullough	(613) 998-4693 (519) 681-0486
Hunting Regulations, Migratory Birds	J.R. Charron W.H. Lee J.L. Sullivan	(613) 998-4693 (613) 966-5655 (519) 681-0486
Waterfowl Surveys and Banding	D.G. Dennis R.K. Ross	(519) 681-0486 (613) 998-4693
Shorebirds	R.I. Morrison	(613) 998-4693
Songbirds	R.K. Ross D.A. Welsh	(613) 998-4693 (613) 998-4693
Gulls and Terns	H. Blokpoel	(613) 998-4693

...continued

Canadian Wildlife Service (cont.)

National Wildlife Areas	J.R. Carreiro	(613) 998-4693
	Gerald McKeating	(519) 681-0486
Acid Rain Effects in Northern Ontario Waterfowl	R.K. Ross	(613) 998-4693
	D.K. McNicol	(613) 998-4693
Toxic Substances in Great Lakes Wildlife	D.V. Weselch	(416) 637-4264
	P. Mineau	(416) 637-4264
	D.J. Hallett	(613) 997-1410
Wye Marsh Wildlife Interpretation Centre	Bob Whittam	(705) 526-7809
	Eva Kaiser	(705) 526-7809
Other Enquiries	Ottawa	(613) 998-4693
	London	(519) 681-0486

CWS publications are distributed from their national and Ontario regional headquarters in Ottawa. For information, telephone (613) 998-4693.

Atmospheric Environment Service

Weather information and forecasts may be obtained from the following offices:

AREA	NUMBER
Geraldton	(807) 854-1841
Gore Bay	(705) 282-2083
Hamilton	(416) 524-2035
Kingston	(613) 389-3253
London	(519) 451-3172

...continued

Atmospheric Environment Service (cont.)

Moosonee	(705) 336-2251
Mount Forest	(519) 323-2281
Niagara District	(416) 688-1847
North Bay	(705) 421-9110
Ottawa	(613) 998-3440
Peterborough	(705) 743-5852
Sarnia	(519) 542-6051
Sault Ste. Marie	(705) 779-3144
Simcoe	(519) 426-0941
Sudbury	(705) 693-4540
Toronto	(416) 676-3066
Toronto Island	(416) 369-4281
Waterloo-Wellington	(519) 648-2571
Wawa	(705) 856-7414
Windsor	(519) 969-7585

Monthly weather reviews are issued by these offices (*indicates annual summary as well): *Hamilton, *Kingston, *London, *Mount Forest, *North Bay, *Ottawa, Peterborough, St. Catharines, Sarnia, *Sault Ste. Marie, *Simcoe, *Sudbury, *Toronto (Bloor Street), *Toronto International Airport and Windsor.

In addition, the Ontario Climate Centre issues these regular publications:

- **Daily Synoptic Weather Summary**

Summary of climate data from the synoptic network; available in response to requests.

- **Record Checking**
Produced automatically by comparing on-line climate data with record temperatures and precipitation; transmitted on the meteorological circuits.
- **Climate Summary**
Summary (8-9 pages) includes climate station and first-order station data; available to subscribers one month after the end of the month in question.
- **Station Climate Summary**
Prepared for all climate stations and sent to users.
- **Climate Data**
Available on tape.
- **Summary Tape for NOAA**
Monthly listing; includes data available on the monthly summary.
- **Temperature Listing by Area**
As above, for temperature.
- **Toronto Area Summary**
Includes precipitation and temperature listing for Toronto.
- **Toronto Monthly and Annual Summary**
- **Weekly Rainfall Bulletin**
- **Apple Maturity Forecast**
Based on climate data during the spring and summer.
- **Encephalitis Weather Summary**
The provincial Ministry of Health receives this data weekly to monitor possible encephalitis outbreaks in southern Ontario.
- **Climatic Perspectives**
Prepared from weekly weather synopsis.

To order these publications, write to:

Regional Director
Atmospheric Environment Service
25 St. Clair Avenue East, 3rd Floor
Toronto, Ontario M4T 1M2

Or telephone the Scientific Services Division, at (416) 966-8106.

Inland Waters Directorate

AREA OF ENQUIRY	CONTACT	NUMBER
Policy Issues	Tony Wagner Regional Director	(416) 637-4531
River Flows and Water Levels and Sediment Data	Len Kemp Guelph	(519) 821-0110
	Doug Rowe Ottawa Area	(613) 996-8357
	Pat Ryan North Bay Area	(705) 474-0380
	Ross Bishop Thunder Bay Area	(807) 344-5921
Great Lakes Water Levels	Dave Witherspoon Cornwall	(613) 932-4325
	Mike Shiomi Burlington	(416) 637-4531
Lake Superior Board IJC	Dave Witherspoon Cornwall	(613) 932-4325
Niagara River Board IJC	Tony Wagner Burlington	(416) 637-4531
St. Lawrence River Board IJC	Dave Witherspoon Cornwall	(613) 932-4325

...continued

Inland Waters Directorate (cont.)

Flood Risk Maps and Flood Damage Reduction Information	Doug Cuthbert Burlington	(416) 637-4711
Flooding and Erosion Damage Control	Doug Cuthbert Burlington	(416) 637-4711
Great Lakes and Northern Rivers Water Quality	Francis Philbert Burlington	(416) 637-4663
Niagara River Toxics Contaminants	Don Williams Burlington	(416) 637-4531
Rain Chemistry	Dave Warry Burlington	(416) 637-4641
Water Quality Analysis	John Coburn Burlington	(416) 637-4315

Regular Publications:

- **Great Lakes Water Levels Press Release**
Issued monthly. To receive this publication, write to: Inland Waters Directorate, CCIW, 867 Lakeshore Road, Burlington, Ontario L7R 4A6.
- **Surface Water Data - Ontario**
Issued annually.
- **Historical Water Levels Summary - Ontario**
Issued every five years.
- **Historical Streamflow Summary - Ontario**
Issued every three years.
- **Surface Water Data Reference Index**
Updated every two years.
- **Sediment Data - Canadian Rivers**
Issued annually.

- Historical Sediment Data Summary - Canadian Rivers
Issued every three years.
- Sediment Data Reference Index
Updated periodically.
- Reference Index Hydrometric Map Supplement - Canada
Updated every five years.

To receive any of these publications, write to: Water Resources Branch, Inland Waters Directorate, Federal Building, 75 Farquhar Street, Guelph, Ontario N1H 3N4.

The National Water Research Institute issues an annual report which gives a comprehensive summary of the institute's scientific programs. The report is directed to federal and provincial agencies, citizens' groups, academic institutions and the public.

Environmental Protection Service
7th Floor
25 St. Clair Ave. East
Toronto, Ontario M4T 1M2
(416) 966-5840

AREA OF ENQUIRY	CONTACT	NUMBER
Policy Issues	Kim Shikaze Regional Director	(416) 996-5840
Acid Rain and Air Pollution	Vic Shantora John McDonald Esther Bobet	" " "
Water Pollution	Vic Shantora Carl Morden Tom Tseng	" " "
Environmental Emergencies	Janet Huehn	"
Toxic Chemicals	Dave Pascoe	"

...continued

Environmental Protection Service (cont.)

Hazardous Wastes	Rick Findlay	(416) 966-5840
Environmental Assessment and Review	Simon Llewellyn Ken Ogilvie	" "
Pollution Problems on Federal Property	Simon Llewellyn	"
	National Capital Area (Ottawa/Hull):	
	Dale Cameron	(613) 998-8830
	Marcel De Bellefeuille	(613) 998-8835
	Debbie Wallace	(613) 998-8830
Wastewater Technology Centre P.O. Box 5050 867 Lakeshore Rd. Burlington L7R 4A6	Dr. B.E. Jank A/Director	(416) 637-4374

EPS Regional Office maintains a library at its offices, 7th floor, 25 St. Clair Ave. E., Toronto. Arrangements to use the library may be made by telephoning the Information Office at (416) 996-5840.

Canadian Forestry Service
Great Lakes Forest Research Centre
1219 Queen Street East
P.O. Box 490
Sault Ste. Marie, Ontario P6A 5M7
(705) 949-9461 (contact: Connie Plexman)

Public tours of the laboratory complex at the Great Lakes Forest Research Centre are available daily during the summer months. Arrangements may be made for tours at other times of the year. A self-guiding forest interpretation trail is open to the public during the summer. Please note: Summer tours are usually provided at 10:00 a.m. and 2:00 p.m., Monday to Friday, from mid-June to the end of August. Students are hired during the summer as tour guides. Because the centre does not have the staff to provide regular tours during the rest of the year, it has to limit special tours to groups with a particular interest in forestry, such as university forestry and biology classes, professional foresters, research scientists, etc.

The latest information on services and activities may be obtained by contacting the Information Office.

The area served by the Great Lakes Forest Research Centre is primarily the province of Ontario, but the centre handles requests for information and publications from all over the world.

Regional CFS publications issued on a regular basis are the Forestry Research Newsletter, which includes a list of recent publications (published three times a year), and the Survey Bulletin, published by the Forest Insect and Disease Survey three times a year. If you wish to be on the mailing list for either publication, contact the Information Office and request that your name be added.

Lands Directorate
Garth E. Bangay
Regional Director
867 Lakeshore Road
Burlington, Ontario L7R 4A5
(416) 637-4551

Parks Canada, Ontario Region
132 Second Street East
P.O. Box 1359
Cornwall, Ontario K6H 5V4
(613) 933-7951

AREA OF ENQUIRY	CONTACT	NUMBER
Director	J.C. Christakos	(613) 933-7951
A/Chief, Natural Resource Conservation	L. Charron	Ext. 220
A/Chief, Historic Resource Conservation	V. Zubatiuk	Ext. 266
Chief, Interpretation	R. Roy	Ext. 271
Chief, Planning and Development	I. Ferguson	Ext. 221
A/Chief, Public Consultation	P. Minnelli	Ext. 258

...continued

Parks Canada, Ontario Region (cont.)

Senior Historian	J. Witham	Ext. 312
Senior Archaeologist	E. Snow	Ext. 316

Quebec Region

Patrice Dionne, Regional Director General

P.O. Box 10 100

2700 Laurier Blvd.

Ste. Foy, Quebec G1V 4H5

(418) 694-4077

Regional Information Directorate

Acting Director

Benoft Barry

2700 Laurier Blvd., Suite 5100

Ste. Foy, Quebec G1V 4H5

(418) 694-7204

Environmental Protection Service

1550 Maisonneuve Blvd.

Montreal, Quebec H3G 1N2

(514) 283-4670

General Enquiries

Clément Dugas

(514) 283-4670 or

283-7167

The acid rain issue has high priority in the Quebec Region. For more information, contact Clément Dugas at (514) 283-4670.

Inland Waters Directorate
2700 Laurier Blvd.
Ste. Foy, Quebec G1V 4H5
(418) 694-3921

IWD can provide the following information to the public:

TYPE OF INFORMATION	CONTACT	NUMBER
Flow and water level data on the Mille Iles and Des Prairies rivers, Lake of Two Mountains and Lake Saint Louis, the St. Lawrence River, and the Ottawa and Richelieu rivers	Robert Bibeau Montreal	(514) 283-4190
Tide data on the St. Lawrence River	Robert Bibeau Montreal	(514) 283-4190
Water quality data on the St. Lawrence River, Lake Saint François and the transborder areas of Canada-U.S. watercourses	Dominique Duval Montreal	(514) 283-3916
General information and some data on the federal-provincial flood control works project in the Montreal area, and the federal-provincial Quebec floodplain mapping project	Tom Dafoe Quebec City	(418) 694-3921
General information on the impact of acid rain on Quebec lakes; data on acid rain for lakes in La Mauricie and Laurentians parks	Tom Dafoe Quebec City	(418) 694-3921
General information on the St. Lawrence estuary, data on silting and dredging in this zone	Tom Dafoe Quebec City	(418) 694-3921

Lands Directorate
P.O. Box 10 100
2700 Laurier Blvd.
Ste. Foy, Quebec G1V 4H5
(418) 694-3964

AREA OF ENQUIRY	CONTACT	NUMBER
Canada Land Inventory	Larry Brown	(418) 694-3964
Ecological Data	Guy Gilbert	"
Quebec Plant Life	Jean-Louis Lethiecq	"
Location of Federal Lands in Quebec	Claude Grenier	"
Land-Use Changes around Urban Centres	Michel Melançon	"

Canadian Wildlife Service
2700 Laurier Blvd.
P.O. Box 10 100
Ste. Foy, Quebec G1V 4H5
(418) 694-3685

AREA OF ENQUIRY	CONTACT	NUMBER
Quebec City: Developments, Interpretation	J. Vincent	(418) 694-3727
Research	A. Reed	(418) 694-3791
Cap Tourmente: National Wildlife Area Superintendent	Yvon Mercier	(418) 827-3776
Percé: Chief Naturalist	Réal Bisson	(418) 782-2240

Canadian Forestry Service
 Laurentian Forest Research Centre
 1080 Route du Vallon
 Ste. Foy, Quebec G1V 4H5
 (418) 694-3957

Director
 Dr. C.H. Winget
 (418) 694-3957

PROTECTION PROGRAM	CONTACT	NUMBER
Forest Insect and Disease Survey	Dr. Denis Lachance	(418) 694-3932
Spruce budworm epidemiology and behavior in Quebec; assessment of damage and control methods	Dr. J-Robert Blais	(418) 653-3063
Biological control of harmful forest insects	Dr. Wladimir A. Smirnoff	(418) 694-3944
Protection of the forest cover in plantations, nurseries, and forests under intensive management	Dr. Raymond Finnegan	(418) 653-3988
Gypsy moth epidemiology	Dr. Luc Jobin	(418) 694-7063

RESOURCE PROGRAM	CONTACT	NUMBER
Silviculture	Dr. Marcien Roberge	(418) 653-3776
Genetics and enhancement of forest trees	Dr. Armand Corriveau	(418) 653-1966
Forest management, CFB Valcartier and other federal lands	Gilles Chantal	(418) 653-6418

...continued

Canadian Forestry Service (cont.)

Liaison service	Claude Gendreau	(418) 694-7347
Silviculture of hardwoods	Stevo Popovich	(418) 653-1649
Remote sensing and inventory of forest resources	Jean Beaubien	(418) 653-1548
Intensive culture of wood species	Dr. André D'Aoust	(418) 653-1728
Data for forest management	Dr. C. Huor Ung	(418) 694-3924
Impact of long-range transport of air pollutants	Gilles Robitaille	(418) 658-6945
Energy from the forest	Gilles Frisque	(418) 653-2143
Publications	Joan Murphy	(418) 652-4214

Atmospheric Environment Service
100 Alexis Nihon Blvd., 3rd Floor
Ville St. Laurent, Quebec H4M 2N6
(514) 333-3000

AREA OF ENQUIRY	CONTACT	NUMBER
Public Weather Forecasts	J. Vanier	(514) 333-3060
Marine Forecasts	J. Vanier	(514) 333-3060
Aviation Forecasts	J. Vanier	(514) 333-3060
Agricultural Atmospheric Forecasts	J. Côté	(514) 333-4510
Forestry Weather Forecasts	L. Pouliot	(514) 333-3080

...continued

Atmospheric Environment Service (cont.)

Meteorological Services	L. Primeau and A. Lépine	(514) 333-3040
	or the following offices:	
	Montreal	(514) 636-3202
	Quebec City	(418) 872-2859
	St. Hubert	(514) 678-1153
	Sherbrooke	(819) 505-4955
	Sept-Iles	(418) 962-3417
	Val d'Or	(819) 824-4553
	Trois-Rivières	(819) 373-0393
	Mirabel	(514) 476-3027
Meteorological Data Acquisition	P. Ducharme	(514) 333-3050
Scientific Services	P. Dubreuil	(514) 333-3020
Climatological Services	G. Chapleau	(514) 333-3348

Parks Canada
 1141 Route de l'Eglise
 P.O. Box 10 275
 Ste. Foy, Quebec G1V 4H5
 (418) 694-4042

AREA OF ENQUIRY	CONTACT	NUMBER
Director	Gilles Desaulniers	(418) 694-4042
Senior Information Officer	M. deCourval	(418) 694-4177

...continued

Parks Canada (cont.)

Head, Planning	D. Major	(418) 694-4181
Head, Historical Research	L. Richer	(418) 694-7722
Head, Archaeological Research		(418) 694-7700
Head, Natural Resources Conservation Services	L. Bouliane	(418) 694-4583
Head, Historic Resources Conservation Section	S. Holm	(418) 694-4255

James Bay and Northern Quebec Office

2700 Laurier Blvd.

P.O. Box 9130

Champlain Building, Room 6100

Ste. Foy, Quebec G1V 4A8

(418) 694-5166

The James Bay and Northern Quebec Office has a document centre which is open to the public and may be used by anyone who is interested.

Atlantic Region

Office of the Regional Director General
Dr. Clinton J. Edmonds, Regional Director General
5th Floor, Queen Square
45 Alderney Drive
Dartmouth, N.S. B2Y 2N6
(902) 426-7156

AREA OF ENQUIRY	CONTACT	NUMBER
Director of Information Services	Terry Tremayne	(902) 426-7990
Regional Director	Roger Beardmore	(902) 426-4199

The Atlantic regional office of Environment Canada has prepared a detailed guide to its services, including a list of contacts. See pages 1-35 to 1-39.

Lands Directorate
5th Floor, Queen Square
45 Alderney Drive
Dartmouth, N.S. B2Y 2N6
(902) 426-7156

Atmospheric Environment Service
1496 Bedford Highway
Bedford, Nova Scotia B4A 1E5

AREA OF ENQUIRY	CONTACT	NUMBER
Regional Director	H.B. Kruger	(902) 835-9328
Communications	L.S. Carter	(902) 835-9326
General Weather Services	R.H. O'Brien	(902) 835-9372
Maritimes Weather Services	R. Nelis	(902) 835-3971
Scientific Services	Dr. A.D.J. O'Neill Halifax, Nova Scotia	(902) 835-9534
	J.O. Bursey St. John's, Newfoundland	(709) 737-4695
	P.W. Galbraith Fredericton, New Brunswick	(506) 452-3837
Ice Forecasting Central, Ottawa	A.P. Beaton Officer-in-Charge	(613) 996-5236

Maritimes Forest Research Centre
Canadian Forestry Service
P.O. Box 4000, College Hill
Fredericton, New Brunswick E3B 5P7

AREA OF ENQUIRY	CONTACT	NUMBER
Director	Dr. M.M. Neilson	(506) 452-3508
Information Officer	Steve Knight	(506) 452-3571
Librarian	B. Barner	(506) 452-3541

Newfoundland Forest Research Centre
Canadian Forestry Service
Building 304, Pleasantville
P.O. Box 6028
St. John's, Newfoundland A1C 5X8
(709) 737-4683

AREA OF ENQUIRY	CONTACT	NUMBER
Regional Director	Dr. W.J. Carroll	(709) 737-4683
Forest Resources and Environment Research	Dr. F.C. Pollet	(709) 737-4862
Forest Protection Research	Dr. J. Huda	(709) 737-4675
Information Officer	Doug Rex	(709) 737-4817
Librarian	Mrs. C.E. Philpott	(709) 737-4672

Canadian Wildlife Service
P.O. Box 1590
Sackville, New Brunswick E0A 3C0

AREA OF ENQUIRY	CONTACT	NUMBER
Regional Director	J. Inder	(506) 536-3025
Chief, Migratory Birds	A.J. Erskine	(506) 536-3025
Wildlife Research and Interpretation	W.H. Prescott	(506) 536-3025

Environmental Protection Service
5th Floor, Queen Square
45 Alderney Drive
Dartmouth, Nova Scotia B2Y 2N6

AREA OF ENQUIRY	CONTACT	NUMBER
Regional Director	J.A. Dalziel	(902) 426-3593
Director, Air and Water	E.J. Norrena	(902) 426-6132
Director, Contaminants and Assesment Branch	J.R. MacDonald	(902) 426-6141
Director, Marine Environment Branch		(902) 426-8301
District Director, EPS Halifax	K.G. Hamilton	(902) 426-6132
District Director, EPS St. John's	J.K. Clarke	(709) 737-5488
District Director, EPS Fredericton	G. Lindsay	(506) 452-3286
District Director, EPS Charlottetown	F. Fisher	(902) 829-8551

Inland Waters Directorate
6009 Quinpool Road
P.O. Box 365
Halifax, Nova Scotia B3J 2P8

AREA OF ENQUIRY	CONTACT	NUMBER
A/Director	D. Egar	(902) 426-6050
Water Planning and Management Branch	T.W. Hennigar	(902) 426-3266
Water Resources Branch	J.E. Peters	(902) 426-5776
Water Quality Branch	D.H. Cullen	(506) 388-6606

Parks Canada
Upper Water Street
Halifax, Nova Scotia B3J 1S9
(902) 426-3405

AREA OF ENQUIRY	CONTACT	NUMBER
Regional Director	P.A. Thomson	(902) 426-3405
Senior Regional Information Officer (bilingual service)	Al Kaiser	(902) 426-3457
Plan Development Chief, Area and Site Planning	B. Johns	(902) 426-3456
Historic Resource Conservation Chief	E. Patterson	(902) 426-7448
Natural Resource Conservation Chief	R.H. Kendall	(902) 426-3401
Public Participation Coordinator	Mary Gillis	(902) 426-7233

Addresses

28th Floor
Les Terrasses de la Chaudière
Hull, Quebec
K1A 0H3

Place Vincent Massey
351 St. Joseph Blvd.
Hull, Quebec K1A 1C8

(Inland Waters Directorate,
Lands Directorate,
Canadian Wildlife Service)
Place Vincent Massey
351 St. Joseph Blvd.
Hull, Quebec K1A 1C8

Place Vincent Massey
351 St. Joseph Blvd.
Hull, Quebec K1A 1C8

ISSUE	CONTACT	NUMBER
Acid Rain	Dr. Warren Godson, AES	(416) 667-4919
	Dr. Hans Martin, AES	(416) 667-4803
	Garth Bangay, ECS	(416) 637-4551

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Contacts on Environmental Issues (cont.)

Acid Rain (cont.)	Martin Rivers, EPS	(819) 997-1647
	Alex Manson, EPS	(819) 997-1843
	Kathleen Fischer, ECS	(819) 997-1410
Air Pollution	Howard Ferguson, AES	(416) 667-4937
	Martin Rivers, EPS	(819) 997-1647
Automobile Emissions	Al Gullon, EPS	(819) 998-9590
Chlorofluorocarbons	Jim Brydon, EPS	(819) 997-1499
Dioxin	Steve Hart, EPS	(819) 994-0731
Environmental Contaminants	Jim Brydon, EPS	(819) 997-1499
Environmental Emergencies, Oil Spills	Jim Kingham, EPS	(819) 997-2037
Federal Facilities	K.W. Harris, EPS	(819) 997-1831
Forestry		
Assistant Deputy Minister	F.L.C. (Les) Reed, CFS	(819) 997-1454
Director General, Forest Relations, Economics and Policy	W.K. (Bill) Fullerton, CFS	(819) 997-1325
A/Director General, Research and Technical Services	J.H. (Jim) Cayford, CFS	(819) 997-1305
Director General, Planning, Finance and Administration	Richard Herring, CFS	(819) 997-4191
Economic Development	Vic Stewart, CFS	(819) 997-3004
Forest Management	Bob Dobbs, CFS	(819) 997-1878

...continued

Contacts on Environmental Issues (cont.)

Forest Products, Energy from Biomass	Ray Neale, CFS	(819) 997-1682
Forest Protection	Tom Sterner, CFS	(819) 997-2175
International Relations	Gus Steneker, CFS	(819) 997-3403
Provincial and University Affairs	Jim Munro, CFS	(819) 997-3409
Environmental (LRTAP) and Amenity Forestry	Les Carlson, CFS	(819) 997-3350
Scientific and Technical Publishing	Janet Lalonde, CFS	(819) 997-9580
Environmental Concerns	Peter Rennie, CFS	(819) 997-3004
General Enquiries	Vivian Williams, INFO	(819) 997-6555
Hazardous Wastes	Vic Niemela, EPS	(819) 997-1538
Impact Assessment		
Federal Activities	Bob Weir, EPS	(819) 997-1731
Impact on Wildlife	T.C. Dauphiné, CWS	(613) 998-4693
	E.S. Telfer, CFS Edmonton	(403) 435-7320
Industrial Water Pollution	Leo Buffa, EPS	(819) 997-1583
Land Use Policy	Neville Ward, ECS	(819) 997-2470
	Mal Berry, AES	(416) 667-4624
	Doug Gillespie, CWS	(819) 997-1362
Municipal Water Pollution	Dave Hay, EPS	(819) 997-1612

...continued

Contacts on Environmental Issues (cont.)

Northern Environment

Arctic Pollution	Jim Kingham, EPS	(819) 997-2037
Northern Wastewater Technology	P. Given, EPS	(819) 425-2213
Arctic Wildlife	George Scotter, CWS Edmonton	(402) 420-2522
Impact of Oil Spills on Wildlife	Joe Carreiro, CWS	(613) 998-4693
Beaufort Sea Ice Studies	Bill Markham, AES	(416) 667-4727

Nuclear Energy Development

Radiation Protection	Dr. Eric Muller, EPS	(819) 997-2961
Radioactive Materials in the Atmosphere	Dr. A.D. Christie, AES	(416) 667-4937

Ocean Dumping	Vic Buxton, EPS	(819) 997-1612
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Oil and Gas Resources

Exploration and Development	Bob Weir, EPS	(819) 997-1731
Impact on Wildlife	Nick Novakowski, CWS	(819) 997-4991
PCBs	Jim Brydon, EPS	(819) 997-1499
Recycling of Paper	Stewart Hay, EPS	(819) 997-3212
Socioeconomic Impact Analysis	Bob Fraser, EPS	(819) 997-2877
Toxic Chemicals	Allan Cairnie, EPS	(819) 994-0706
Water Pollution	Peter Higgins, EPS	(819) 997-1298

...continued

Contacts on Environmental Issues (cont.)

Weather	*	
Wildlife Conservation	Dalton Muir, CWS Committee on the Status of Wildlife in Canada	(819) 997-4991
	Tim Lash, CWS	(819) 997-1301
Wildlife Toxicology (including pesticides)	David Peakall, CWS	(819) 997-2780
Wildlife Research	J.A. Keith, CWS	(819) 997-1244

* Weatheradio - Continuous weather information service for fishermen, pleasure boaters, campers, skiers, drivers, farmers. For further information, contact:

Information Services
AES Downsview
4905 Dufferin Street
Toronto, Ontario M3H 5T4
(416) 667-4551

Or one of the following people:

AREA	CONTACT	NUMBER
Headquarters	Jim McCullough	(418) 667-4691
Pacific Region	Frank Williams	(604) 732-4779
Western Region	Francis Bowkett	(403) 437-1250
Central Region	Dale Henry	(204) 949-4378

...continued

Information Services (cont.)

Ontario Region	Pat Pender	(416) 676-3019
Quebec Region	Laurie Primeau	(514) 333-3040
Atlantic Region	Ralph O'Brien	(902) 835-9372

Weatheradio transmits general and specific marine, farm and ski weather reports and forecasts in five-minute programs on a continuous cycle. Stations are located in:

Gander 162.55 MHz
Halifax 162.55 MHz
Moncton 162.55 MHz
Montreal 162.55 MHz
Toronto 162.475 MHz
Regina 162.55 MHz
Winnipeg 162.5 MHz
Edmonton 162.40 MHz
Vancouver/Victoria 162.40 MHz

1.7 Published Information

This section is divided into three parts: reference publications, policy publications and publications about issues.

All the items listed here are free unless a price is shown. Quantities may be limited in some cases. All publications are available in both English and French unless otherwise stated; please indicate your language preference with your request. If you want to order or enquire about any of the items listed, look for the address of the publisher or distributor after the title. If the source is listed as "Enquiry Centre," write or telephone:

Enquiry Centre
Information Directorate
Environment Canada
Ottawa, Canada K1A 0H3
(819) 997-2800

1) Reference Publications

Annual Reports

Annual Report

Environment Canada. Contact the Enquiry Centre.

The Annual Report can keep you abreast of research being conducted by Environment Canada. It may also be a point of reference for discussing your particular environmental concern with the department. Highlights of the past year are presented in a separate section and the budget and staff allocated to each part of the department are shown.

Annual Review, Canadian Environmental Advisory Council

Contact the Executive Secretary, Canadian Environmental Advisory Council (CEAC), c/o Environment Canada, Ottawa, Canada K1A 0H3.

CEAC'S annual report to the Minister of the Environment is a record of the council's activities over a one- or two-year period. Reports on topics of

environmental concern are prepared by the council and included in the publication "to make our concerns about these matters available to the public while drawing your (the minister's) attention to the conclusions and recommendations which follow each report." (CEAC Annual Review 1977-1978)

Canada Water Act Annual Report 1980-1981

Contact the Publications Office, Inland Waters Directorate, Environment Canada, Ottawa, Canada K1A 0E7. 126 pp.

The act provides the framework for joint federal-provincial management of Canada's water resources. This ninth annual report covers operations to March 31, 1981.

Canada Water Yearbook

Published every two years. Contact Canadian Government Publishing Centre, Supply and Services Canada, Hull, Quebec K1A 0S9. \$5.00.

Four yearbooks have been published in this series since 1975 and a fifth is in preparation. The books contain useful information about freshwater resources throughout Canada. The 1975 edition gives an overview of IWD's work and water in Canada. In 1976, water planning and management were highlighted; in 1977-78, water data (a report on the field, office and laboratory programs producing water data). The 1979-80 edition focuses on water research.

Clean Air Act Annual Report

Publications Office, Air Pollution Control Directorate, Environment Canada, Ottawa, Canada K1A 1C8.

Catalogues and Directories

Directory of Canadian Environmental Experts

Environment Canada 1980. Available from Canadian Government Publishing Centre, Hull, K1A 0S9 at \$12.50 per copy.

This directory lists experts active in the environmental sciences and related disciplines. Subject areas include: agricultural research, air pollution, environmental health, fisheries, forestry, northern environment, nuclear environment, technology, water research and wildlife.

Environment Canada Directory - Atlantic Canada

Contact the office of the Regional Director General, Environment Canada, 5th Floor, Queen Square, 45 Alderney Drive, Dartmouth, Nova Scotia B2Y 2N6.

This directory provides information on the role and functions of each service in the region and the branches within it. A list of key personnel or contacts is provided at the end of each service description.

Environment Canada Libraries Directory

Departmental Library, Place Vincent Massey, Hull, Quebec K1A 1C7.

This directory lists, alphabetically within provinces, the full mailing addresses, names of staff members and telephone numbers of libraries of Environment Canada across Canada.

Environment Canada - Pacific and Yukon Region - Guide to Services 1981

Contact the office of the Regional Information Director, 801-1001 West Pender Street, Vancouver, B.C. V6E 2M7. 24pp.

The Pacific and Yukon Region Guide outlines the division of responsibility between Environment Canada and other departments and describes the role of the regional director general. Addresses and contacts for the regional offices of the services are listed for easy reference.

Table of Public Statutes

Contact the Canadian Government Publishing Centre, Hull, Quebec LKA 0S9.
\$2.00 (SP2-11-6-6)

INFOTERRA International Directory of Sources

This directory is a detailed catalogue of environmental information sources in more than 100 countries of the world. Only one copy per member country of this eight-volume publication is issued. In Canada it is held by the National Focal Point for INFOTERRA at the departmental library, Environment Canada, and can be consulted by you personally or on your behalf by a reference librarian.

The Organization of the Government of Canada 1980

636 pp. Contact the Canadian Government Publishing Centre, Hull, Quebec K1A 0S9. \$19.95.

Guide to government departments, agencies, boards, commissions, crown corporations, etc. Organization charts have been used wherever possible. It is a useful reference on the structure and function of the federal government. A glossary of terms is included. Give the catalogue number (BTI-2-1980 E) when ordering.

Publication Lists

Acquisitions

Environment Canada Library, Place Vincent Massey, Hull, Quebec K1A 1C7.

All newly received periodicals and monographs are listed in this monthly publication. The departmental library is probably the most extensive environmental library in Canada. All materials listed in this publication may be obtained through interlibrary loans with any public library in Canada. For information on interlibrary loans, call the Environment Canada Library, (819) 997-1468. (Similar lists are issued by Environment Canada libraries in the regions.)

An Annotated Bibliography of Canadian Air Pollution Literature. Supplement: Economic and Technical Review

Report EPS 3-AP-77-1. Air Pollution Control Directorate, May 1978.

An informative (and sobering) sourcebook compiled by two Toronto academics, L.T. Foster and C.J. Sparrow, this bibliography supplements an earlier one (Annotated Bibliography of Canadian Air Pollution Literature, Report EPS 3-AP-75-2) now available on microfiche only. This bibliography reviews the period from mid-1973 to mid-1976. The references cover a wide variety of topics related to air pollution in Canada, such as sources and types of emissions, effects on health, vegetation, animals and the economy. Besides an author and subject index, there is a geographical index of studies of air pollution over Canadian communities.

A good library may contain many of the documents listed, or could obtain them for you through interlibrary loans from other Canadian libraries.

A listing of scientific and technical papers and data produced by the Inland Waters Directorate. Educational brochures and fact sheets on water and related topics are also listed, plus a guide to the services of IWD's computer data system NAQUADAT.

Examples of publications include:

Niagara River Chemical Loading 1975-1977 (scientific series)

Supplying Data to Users

Contains instructions on requesting data (technical series).

Environmental Contaminants Inventory Study No. 1, Statistics on the Use of Pest Control Products in Canada (1974) (general report series).

Population Estimates for the Great Lakes Basins and Their Major Tributaries (1973) (social sciences series).

Reference Indexes of Surface Water Quantity

With station locations, sediment data and water quality data for all parts of Canada (data series).

What do you know about water?

Fact sheets that are considered to be useful teaching aids (general interest brochures).

Order publications from this list by title, author or series. You can be kept up to date on new articles by subscribing to the Bulletin of Publications (see p.1-3).

Lands Directorate Publications, March 1981

Contact the Lands Directorate, Environmental Conservation Service, Environment Canada, Ottawa, Canada K1A 0E7, or one of the regional offices of Lands Directorate (see pages 1-10 to 1-39). Some publications are priced.

This publication briefly describes the work of the Lands Directorate and tells you how to obtain maps and reports. Examples of publications and maps available include:

Canada Land Inventory Reports

The methodology of land capability mapping; and Land Use Programs in Canada series - discusses the major land-use concerns of each province and the roles that various departments and agencies play in land-use planning.

List of Publications - Federal Environmental Assessment Review Office

A list of FEARO publications is provided in FEARO's Register of Panel Projects (see p.1-8).

Notice of Publications/Bulletin des publications

Published three times per year. Contact the Enquiry Centre to be placed on the mailing list.

The Notice of Publications is a bibliographic listing of recently published materials from all of the services of Environment Canada. It covers scientific, technical and interpretive publications. Items in limited supply or no longer available may be borrowed from any library through an interlibrary loan with Environment Canada's library (see p.1-40).

Subject List

Supply and Services Canada, Canadian Government Publishing Centre, Hull, Quebec K1A 0S9. All publications are priced. Enquiries (819) 997-5362. Telephone orders (819) 994-3475.

Supply and Services Canada regularly publishes lists of publications available under 17 different subject lists. Examples include: energy and environment; fauna, flora and fisheries; geography and natural resources; subscriptions and periodicals. You may place an order for less than \$5 without submitting payment until you receive an invoice. Orders over \$5 must be paid by cheque or money order in advance, made payable to the Receiver General of Canada.

The subscriptions subject list will tell you the price and how to subscribe to such regular publications as the Canada Gazette Part I - Government Notices; the Canada Gazette Part II - Statutory Orders and Regulations; Canada Gazette Part III - Public Acts of Canada; and the Canadian Government Publications Catalogue. The subscriptions and periodicals subject list will also tell you about such loose-leaf services as the Compendium of Pest Control Products Registered in Canada.

An order form is enclosed with each subject list. You may pay with a Mastercard or Visa credit card. Publications may also be obtained through any authorized bookstore agent in Canada.

Water Pollution Control Directorate Publications

May 1981. 66 pp. Contact the Training and Technology Transfer Division (Water), EPS, Environment Canada, Hull, Quebec K1A 1C8.

A listing of technical reports by Environment Canada and joint Canada-Ontario research reports on Great Lakes water quality. Provides a short descriptive summary of each report. Reprints of articles in scientific journals by the professional staff are also included. An order form is enclosed with the list. Some examples of topics: Overview of Canadian Environmental Research in the Uranium Mining Industry, the Basic Technology of the Pulp and Paper Industry and its Waste Reduction Practices, Steel Industry Wastes, and Land Disposal of Sewage Sludge.

Newsletters

Canadian Forestry Service Research Notes

Quarterly. To subscribe contact: Scientific and Technical Publications Unit, Canadian Forestry Service, Hull, Quebec K1A 1G5.

This publication offers brief descriptions of research being conducted by the Canadian Forestry Service. Recent publications by CFS staff are also listed.

CANUSA Newsletter/Bulletin CANUSA

Bimonthly. Contact: Scientific and Technical Publications Unit, Canadian Forestry Service, Hull, Quebec K1A 1G5.

This newsletter describes the research and activities of those involved in the joint Canadian-U.S. project of research on the spruce budworm.

ENFOR Review

Published twice a year; most recent issue December 1981. Contact: ENFOR Secretariat, Canadian Forestry Service, Environment Canada, 19th Floor, Place Vincent Massey, 351 St. Joseph Blvd., Hull, Quebec K1A 1G5.

This journal reviews projects contracted under the ENFOR program. Addresses are given for those who wish to obtain copies of contractors' reports.

Environment Update

Bimonthly newsletter of Environment Canada. To subscribe, contact the Information Directorate, Environment Canada, Ottawa, Canada K1A 0H3.

If you are interested in the broad picture of Environment Canada's work, this publication, produced to inform and benefit people inside and outside government, will give you a regular update on the department's activities, policies and views. Of special note is the calendar of new regulations proposed by Environment Canada, published so that people can participate in regulation making and policy development through the department's new Public Consultation Policy (see page 2-1).

Requests for subscriptions to Environment Update are welcomed. Organizations that intend to participate in the public consultation program on regulations and policies will be particularly interested in this publication.

Great Lakes FOCUS on Water Quality

Quarterly. Contact the Editor, Great Lakes FOCUS, IJC Regional Office, 100 Ouellette Ave., Windsor, Ontario N9A 6T3.

An informative newsletter with articles on water quality topics such as dioxin contamination and chlorine disinfection, contributed by scientists concerned about the Great Lakes. It also provides information on current provincial, state or federal regulatory action to halt the pollution of the Great Lakes. This is an excellent sourcebook for groups who wish to be informed on Great Lakes issues. A book review section is included. (Available in English only.)

Information Reports Digest/Digest des rapports d'information

To subscribe, contact: Scientific and Technical Publications Unit, Canadian Forestry Service, Hull, Quebec K1A 1G5.

Presents abstracts of all information reports published by the research centres, institutes and headquarters of CFS. The language of the title of a report listed is usually the only language in which the report is available in full. Some are available in both English and French.

Land/Terre

Quarterly. Contact: Lands Directorate, Environment Canada, Hull, Quebec K1A 0E7.

Milieu (Environment Canada Quebec Region)

Quarterly. Contact Milieu, Environment Canada, P.O. Box 10 100, Ste. Foy, Quebec G1V 4H5.

Discusses the work of Environment Canada's Quebec Region and contains a bibliography of new publications written by regional staff.

Natural Resources Bulletin

Published twice a year. To subscribe, contact the Editor, Natural Resources Bulletin, Parks Canada, Les Terrasses de la Chaudière, Room 2611, Ottawa, Canada K1A 1G2.

The publication discusses issues of concern to those interested in natural resource conservation in Canada's national parks. The main audience is Parks Canada employees in regional offices and in the parks. Topics include the federal Environmental Assessment and Review Process, park management policies, wildlife protection.

Register of Panel Projects

Contact the Federal Environmental Assessment Review Office, 9th Floor, Fontaine Building, 200 Sacré Coeur Blvd., Hull, Quebec K1A 0H3.

You may ask to receive this publication to keep abreast of projects that will be reviewed under the Environmental Assessment and Review Process. The findings of recent panel reviews and the status of projects currently under way are described, along with the information to follow up on a project: who to contact, the initiator of the project, etc.

Research and Development Bulletin

Monthly. To subscribe contact the Science Centre, Supply and Services Canada, 11 Laurier St., Hull, Quebec K1A 0S5.

The bulletin lists research and development contracts awarded by federal departments during the past month (unsolicited proposals, see p.3-8) and planned contracts, plus a summary of recent scientific research projects funded by DSS. A statistical summary of contracts awarded by quantity, organization type, region and contracting department is also included.

Spill Technology Newsletter

Bimonthly. Publications Coordinator, Environmental Impact Control Directorate, EPS, Environment Canada, Hull, Quebec K1A 1C8.

This newsletter reports on environmental contaminant spills and cleanup technology. A summary of Canadian environmental emergencies is the subject of one special issue per year.

WATDOC Newsletter

Published irregularly. Contact WATDOC, Inland Waters Directorate, Environment Canada, Hull, Quebec K1A 0E7. Telephone: (819) 997-1238 or (819) 997-2324.

A newsletter produced for the information of users of the WATDOC data base, as the system expands and changes.

Zephyr

Bimonthly. Contact Zephyr, 4905 Dufferin St., Downsview, Ontario M3H 5T4.

A newsletter chiefly for the information of Atmospheric Environment Service employees.

Data Banks

Canada Land Data System

The Canada Land Data System (CLDS) handles land resource information and can produce data in various forms. Information includes more than 4 000 maps showing:

- land capability for forestry, agriculture, recreation and wildlife, waterfowl and ungulates
- watershed boundaries
- pollutant transfer maps
- information on federal land holdings
- ecological land data for various areas
- land use maps
- census enumeration areas.

An index may be obtained from the Lands Directorate. Clients such as provincial and federal government departments, crown corporations, universities and various land survey groups may use the system. Most data can be retrieved from CLDS using a terminal and simple commands requiring only elementary computer training.

Access

Map data are available from graphics terminals at Lands Directorate offices in Ottawa, Halifax, Quebec City and Burlington, as well as at the Alberta Department of the Environment in Edmonton and the Newfoundland and Labrador Computer Service in St. John's, and will soon be installed at Queen's University and the University of Waterloo. Tabular information can be retrieved from terminals anywhere in Canada via telephone links.

Cost

Processing costs depend on user requirements. Cost estimates are available on request. For more information on CLDS contact:

Canada Land Data System
Lands Directorate
Environment Canada
Ottawa, Canada K1A 0E7
(819) 997-2510

Lands Directorate
Atlantic Region
Environment Canada
P.O. Box 365
Halifax, Nova Scotia B3A 2Y3
(902) 426-4196

Lands Directorate
Quebec Region
Environment Canada
P.O. Box 10 100
Ste. Foy, Quebec G1V 4C7
(418) 694-4613

Lands Directorate
Ontario Region
Environment Canada
P.O. Box 5050
Burlington, Ontario L7R 4A6
(416) 637-4551

Lands Directorate
Pacific and Yukon Region
Environment Canada
1001 West Pender Street
Vancouver, British Columbia V6E 2M7
(604) 666-3161

A pamphlet on CLDS is available from the Enquiry Centre.

Data Base Services On-Line and Can/SDI (Canadian/Selective Dissemination of Information)

1981. Contact: Departmental Library, Environment Canada, Place Vincent Massey, Hull, Quebec K1A 1C7. 32 pp.

This publication lists and describes all the data bases to which Environment Canada has access. It will tell you the environmental data bases on which an on-line search could be conducted. On-line search service is provided to Environment Canada's employees only but some public libraries, universities and colleges have data base services and will do an on-line search for you at a reasonable cost. The departmental library will advise you where you can have a search done.

EPS regional offices and libraries have computer terminals which may be accessible on request. See addresses for EPS offices listed in Part 2 under each region of Environment Canada, beginning on page 1-10.

Environmental Libraries Automated System

The ELIAS file is created by Environment Canada's departmental library. The file contains serials, monographs, conference technical reports and a complete listing of Environment Canada publications, located in departmental libraries across the country, in the following subject areas:

- Anthropology
- Archaeology
- Architecture
- Conservation and natural resources
- Environmental impact analysis
- Environmental management
- Fisheries
- Forestry
- Historic preservation
- Historical research
- Land use
- Meteorology and climatology
- Parks
- Recreation and travel
- Water resources
- Wildlife

As of November 1981, the file held 27 737 citations. For further information on how to use ELIAS, contact:

Head, Reader's Services
Departmental Library, Environment Canada
Place Vincent Massey
Hull, Quebec K1A 1C7
(819) 997-3916

HAZTRANS

This system contains data on the chemical, physical and biological effects of approximately 3 700 hazardous chemicals. The information in this data base is being expanded to encompass more transport-related data respecting dangerous goods.

The present data base contains 60 fields of information, some or all of which would be useful to governmental regulatory agencies and spill response organizations.

HAZTRANS is an interactive system, stored on and accessible through the Department of Energy, Mines and Resources computer network using the System 2000 natural language.

Historical Research

For computer-based text retrieval in historical research, see Research Bulletin #59 (1977), available from Archaeological Research Division, Parks Canada, 1600 Liverpool Court, Ottawa K1A 1G2. (Available in English only.)

NATES

The National Analysis of Trends in Emergencies System (NATES) was designed to help federal and provincial regulatory agencies to analyze accident trends and distribution in order to assess contingency plans, equipment development and deployment, accident prevention programs, and the effectiveness of laws and regulations. Federal and provincial regulatory agencies contribute their spill information to Environment Canada. Any participating government agency may search the data base with certain restrictions on data provided on a confidential basis.

A NATES user's manual provides guidance on preparation of coding forms and search procedures. The programming language is APL under the Sharp APL system and the data base is stored on-line on one of the I.P. Sharp Associates Limited computers in Toronto. The system is interactive and is accessible in both English and French through Sharp's toll-free lines or the trans-Canada telephone system. Accident records dating back to 1968 have been entered in the data base.

NEELS

The National Emergency Equipment Locator System was designed to help government and industry to standardize spill countermeasures terminology and provide a quick way of locating equipment in an emergency. Participants are obliged by agreement to keep equipment and contact information up to date.

NEELS may also be used by industry and government to prepare contingency plans or assess existing plans.

WATDOC User Guide

1977. Contact WATDOC, Inland Waters Directorate, Environment Canada, Hull, Quebec K1A 0E7. Telephone: (819) 997-1238 or (819) 997-2324.

Originally established as the Water Resources Documentation Centre, WATDOC is the key to a wealth of environmental information. This user guide explains thoroughly how to access WATDOC data bases and improve the quality of your search. It is a useful introduction to computer searching if you are unfamiliar with the technology. The charges for computer searches, explained in the text, may be less than you expect.

Archival Research

If you are interested in the federal archives, a guide called Historical Records of the Government of Canada 1981 will help you locate material. It is available free from the Public Archives, 395 Wellington St., Ottawa, Ontario K1A 0N3. Contact Terry Cook or Bob Hayward, Federal Archives Branch, (613) 996-8507, for general enquiries, or the Finding Aid Coordinator at the same number.

Some federal records are stored in provincial archives at the following addresses:

A.D. Ridge
Provincial Archivist
Provincial Archives of Alberta
12 845 - 102 Avenue
Edmonton, Alberta T5N 0M6

John A. Bovey
Provincial Archivist
Provincial Archives of
British Columbia
Parliament Buildings
Victoria, British Columbia V8V 1X4

W.G. Ormsby
Archivist of Ontario
77 Grenville Street
Queen's Park
Toronto, Ontario M7A 1C7

Miriam McTiernan
Territorial Archivist
Yukon Archives
Government of the Yukon
2071 - 2nd Avenue
Whitehorse, Y.T. Y1A 2C6

Peter Bower
Provincial Archivist
Archives of Manitoba
Room 247
Legislative Building
Winnipeg, Manitoba R3C 0V8

David J. Davis
Provincial Archivist
Provincial Archives of
Newfoundland
Colonial Building
Military Road
St. John's, Newfoundland A1C 2C9

H.A. Taylor
Provincial Archivist
Public Archives of Nova Scotia
Cobourg Road
Halifax, Nova Scotia B3H 1Z9

Nicholas de Jong
Provincial Archivist
Public Archives of Prince Edward Island
P.O. Box 1000
Charlottetown, Prince Edward Island C1A 7M4

Marion Beyea
Provincial Archivist
Provincial Archives of
New Brunswick
P.O. Box 600
Fredericton, N.B. E3B 5H1

Archivist
Prince of Wales Northern
Heritage Centre
Government of the N.W.T.
Yellowknife, N.W.T. X1A 2L9

Conservateur en chef
Archives nationales du Québec
Parc des Champs de Bataille
Québec, Québec G1R 5H3

Ian. E. Wilson
Provincial Archivist
Saskatchewan Archives Office
University of Regina
Regina, Saskatchewan S4S 0A2

Records are stored in federal records centres for a minimum of two years on the request of a federal department. The material is reviewed and some of it is selected for deposit in the national Public Archives, Federal Archives Division, in Ottawa.

If you are interested in reviewing material stored at a federal records centre, you must take your request to the department that owns the records for permission to view them. You must have permission in writing. Contact the Regional Director General in your region (see pages 1-10 to 1-39) in the case of Environment Canada. At headquarters contact the Information Directorate (see p.1-1) for permission. Your request is then taken to the Records Management Section of Environment Canada for processing - contact (819) 997-2350. Academic research is the most readily accepted kind of request.

2) Policy Publications

Access to Government Information (a media kit)

June 1980. Available in limited quantity. Contact Bob Pruner (819) 997-0055, Communications Branch, Secretary of State, 25 Eddy Street, 10th Floor, Hull, Quebec K1A 0M5.

This kit contains a copy of the cabinet discussion paper on access to information, and a copy of the highlights of the proposed act (Bill C-43) now in second reading. The kit contains the original version of the act introduced by the government in the House of Commons. There have been major changes which broaden the public accessibility of government documents due to comments on the bill from public organizations and the opposition parties in the House. Your M.P. can bring you up to date on these changes and the current status of the bill (whether or not it has been passed).

Canada and UNEP: Now and the Future

52 pp. 26E/26F, 1979. Available in limited quantities from Corporate Planning Group, Environment Canada, 9th Floor, Fontaine Bldg., Hull, Quebec K1A 0H3.

A briefing document compiled for the Minister of the Environment on the role Environment Canada plays in the United Nations Environment Program.

Global 2000: Implications for Canada

By G.O. Barney, P.H. Freeman, and C.A. Ulinski. Pergamon Press. 1981. 171 pp.

This report was written at the initiative of Environment Canada and published through the Canadian Association for the Club of Rome, by Dr. Gerald O. Barney and Associates, the same firm that prepared the Global 2000 Report for President Carter in the United States. The book presents a view of Canada from the outside and discusses the country's future in the light of increasing concern about global resource depletion, population growth and the widening gaps between rich and poor nations which manifest themselves in poverty, social turmoil and widespread world conflict.

Memorandum of Intent between the Government of Canada and the Government of the United States concerning Transboundary Air Pollution

August 1980. Available from the Enquiry Centre.

This document was to provide the guidelines for joint Canadian-American acid rain control before President Reagan was elected. It is worth reading to help you judge what actions may be taken under the Reagan administration.

Overview of Provincial Environmental Legislation

July 1979. Unpaginated. Available in limited quantity from the Corporate Planning Group, Fontaine Building, Hull, Quebec K1A 0H3. It has not been updated.

A useful comparative sourcebook describing provincial legislation in environmental protection, pollution control, water planning and management, forestry, wildlife protection and parks. The provincial ministry responsible for implementing each piece of legislation is designated.

Service Policies and Programs

Atmospheric Environment Service - Priorities, Objectives and Goals 1980-1985

November 1980. AES Downsvew. See address p.1-40.

Atmospheric Environment Service Program Digest 1980-1981

Available in limited quantities from AES Downsvew. See address p.1-40.

A view of AES emphasizing programs and budgets. A map of all weather stations in Canada and the frequency with which weather information is collected is included.

Federal Policy on Land Use

Lands Directorate. 1981. Available from the Enquiry Centre.

This policy sets out the responsibilities of the federal government for land use and management and describes the areas of federal jurisdiction over land use.

Parks Canada Policy

1980. 69 pp. Available from the Enquiry Centre or Parks Canada.

This soft-cover booklet states the policy and program objectives of Parks Canada regarding the protection of national parks, historic sites, buildings, heritage canals, landmarks and rivers.

Program Plan 1981-1982

Environmental Conservation Service. Available in limited quantities from ECS.

An annual publication that provides overall guidance for ECS programs during the year and serves as a benchmark against which the accomplishments of the service can be measured. Person-years and budget allocations are also given.

Public Involvement in EPS's Regulation-Making Procedure

Discussion paper. 3 pp. Available in bulk from the Information Directorate, Public Affairs Branch.

An important document from the perspective of encouraging public input in regulation making. It sets out proposed guidelines for public review so that you can comment on their appropriateness or suggest your own ideas on how to involve the public in the process. Comments may be submitted to Peter O'Hara, EPS, Place Vincent Massey, Hull, Quebec K1A 1C8. See also Public Consultation Policy, p.2-1.

A Vital Resource - Federal Policy Statement on Inland Waters

1978. Inland Waters Directorate. Available in bulk from the Enquiry Centre.

This pamphlet sets out the responsibilities of the federal government for water protection, water management and jurisdiction over resources.

FEARO

Environmental Assessment Panels: What they are - What they do

Federal Environmental Assessment and Review Office. 1980. 15 pp. Available from FEARO, 9th Floor, Fontaine Building, 200 Sacré-Coeur Blvd., Hull, Quebec K1A 0H3.

This booklet takes a down-to-earth look at the steps involved in the Environmental Assessment Review Process and how the public is involved. The question-and-answer section at the end is designed to help members of the public who are about to be directly involved in the process.

Revised Guide to the Federal Environmental Assessment Review Process

FEARO. 1979. 12 pp. Available from FEARO. (See above publication for address.)

This booklet describes how the Environmental Assessment Review Process works from the time a federal project is conceived to the time a decision is made on its environmental acceptability. It shows how the process has evolved and is a good companion document to the more recent version, Environmental Assessment Panels: What they are - What they do.

3) Publications about Issues

Acid Rain

Acid Rain

Air Pollution Control Directorate, EPS. September 1980. 23 pp. Graphs and charts. Available from the Enquiry Centre.

A technical paper that assesses the sources of acid rain, tells what is affected by it, and describes abatement options and research programs of the Long-Range Transport of Air Pollutants (LRTAP) Control Office.

Acid Rain

Fact sheet. Contact the Enquiry Centre. Available in bulk.

Describes concisely the broad range of environmental effects of acid rain.

The Case Against Acid Rain

Booklet. Ontario Ministry of the Environment, 135 St. Clair Ave. West, Toronto, Ontario M4V 1P5.

Downwind: The Acid Rain Story

1981. 10 pp. Illustrated. Contact the Enquiry Centre.

An overview of the acid rain pollution problem is given with American and Canadian examples of environmental damage caused by industry and transportation.

Long-Range Transport of Air Pollution - Acidic Precipitation

1980. Discussion paper. Available from the Enquiry Centre.

This paper argues for an expanded and accelerated acid rain abatement program. It was put forward to cabinet collectively by the ministers of Environment, Health and Welfare, Fisheries and Oceans, and External Affairs.

The Long-Range Transport of Air Pollutants and Acidic Precipitation

95 pp. Technical bibliography. Available from LRTAP Office, AES, Environment Canada, 4905 Dufferin St., Downsview, Ont. M3H 5T4. \$5.00. Make cheque payable to the Receiver General of Canada.

Stop Acid Rain

Leaflet and buttons. Contact the Enquiry Centre.

The leaflet offers a brief introduction to the acid rain problem. Both brochures and buttons are available in bulk for distribution by your group.

Air Pollution

See Air Pollution Control Directorate list of publications, described on p.1-50.

Hazardous Waste Management

See Environmental Impact Control Directorate list of publications, described on p.1-51.

Historic Conservation

Recognizing Canadian History: The Historic Sites and Monuments Board of Canada

Contact the Enquiry Centre, or Parks Canada, Information Division, Hull, Quebec K1A 1G2. 16 pp.

This booklet traces the history of the Historic Sites and Monuments Board of Canada, and the broadening of the definition of historical significance that has taken place as the board has evolved. The criteria for selection of persons, places and events for recommendation by the board, and where to send your suggestions for nomination, are also given.

Land Use

Land Use in Canada: The Report of the Interdepartmental Task Force on Land-Use Policy

1980. Free. Available from Lands Directorate Headquarters, Place Vincent Massey, 351 St. Joseph Blvd., Hull, Quebec K1A 1C8.

This document describes Canada's land characteristics, tenure, use and policies. It also outlines several land-use problems as well as the interest and influence of the federal government in land use.

North of 60° Environment

Northern Land Use Information Series: Map Index

Pamphlet. Available from the Enquiry Centre. Further information on the program is available from the Director, Land Data and Evaluation Branch, Environment Canada, Hull, Quebec K1A 0E7.

This index describes the many environmental factors covered by the map series. Included on the maps are wildlife, fish resources, biophysical-ecological evaluation, socioeconomic and cultural data. Maps are \$2.50 each and cover all mainland areas of Canada north of latitude 60°. An order form is attached.

Parks Use and Management

National Parks: A Brief Guide

Includes camping information. 1981. Available from Parks Canada.

This compact guidebook describes the main features of each of Canada's national parks and outlines the facilities available. Be sure to ask for the publication that includes camping information if you want the complete guide.

Public Participation

Environmental Contaminants Act, Boards of Review, Outside Review and Public Participation

July 1980. Available from Publications Coordinator, Environmental Impact Control Directorate, EPS, Environment Canada, Hull, Quebec K1A 1C8.

The second report of the PCB Board of Review would be of interest to those interested in public participation in the regulation of environmental contaminants. Recommends specific ways the public could be involved in regulation making.

An Environmental Impact Assessment Process for Canada

Canadian Environmental Advisory Council. 1974. 8 pp. Available in limited quantities from CEAC.

Recommends the establishment of an environmental review process and how one should operate. It is worth comparing to the Environmental Assessment and Review Process that was actually established about the same time by the federal government if you are a student of the public participation process.

Guidebook on How to Prepare Cases for Administrative Tribunals

By Andrew Roman. 1977. 157 pp. Available from the Consumers' Association of Canada.

Don't let the title confuse you. This is a practical self-help book, written by a lawyer, to help your group participate in administrative tribunals, which can be anything from a municipal planning board meeting to an environmental assessment hearing or a royal commission of inquiry.

This soft-cover book will help you decide whether or not you should participate, whether you will need expert witnesses or lawyers, and what it will cost if you do. Most helpful are the sections on how to use the resources available from a tribunal and how to present your arguments before a board effectively.

Policy for Public Consultation and Information Availability

Unpaginated. October 1981. Enquiry Centre. A brief description of Environment Canada's new public consultation policy in a pocket-sized booklet.

Recycling

Psst. . . Wanna Save a Tree?

10 pp. Contact Enquiry Centre, Information Directorate, Environment Canada, Hull, Quebec K1A 0H3.

This pamphlet describes the benefits of paper recycling and of setting up an office wastepaper separation program. Details on how to organize a collection program, including employee orientation and monitoring techniques, may be obtained by writing to the Waste Management Branch, Environmental Protection Service, Environment Canada, Hull, Quebec K1A 1G8.

Toxic Chemicals

See Environmental Impact Control Directorate list of publications, p.1-51.

Water Pollution and Control

Great Lakes Water Quality Information Kit

The Information Services Section of the Great Lakes Regional Office, International Joint Commission (IJC), Suite 800, 100 Ouellette Ave., Windsor, Ontario

N9A 6T3, (519) 256-7821, can supply an information kit on the Great Lakes Water Quality Agreement. You may also obtain a 12-minute slide/tape program and script called "Promises to Keep" (in French or English) for viewing by your organization.

IJC reports which describe the progress made under the Water Quality Agreement between Canada and the United States are also available.

Water Investigation, Planning and Management Activities in Canada 1981

Map prepared by the Inland Waters Directorate. Contact the Enquiry Centre. A colorful map that gives much information at a glance. Useful if you are interested in river basin management planning (see Part 4).

Water Quality Sourcebook: A Guide to Water Quality Parameters

1979. English with French résumé. Contact the Publications Office, Inland Waters Directorate, Environment Canada, Ottawa K1A 0E7.

This sourcebook describes more than 40 substances by which water quality is measured. It is a useful companion volume to the Water Quality Data series available through the IWD list of publications.

Wildlife Conservation

See Canadian Wildlife Service list of publications, p.1-51.

PART TWO: GETTING INVOLVED

PART TWO: GETTING INVOLVED

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PART 2. GETTING INVOLVED

2.1 Public Consultation Policy

"The Minister of the Environment recognizes the importance of effective communication between the public and his officials in determination of departmental policies and programs. Thus, the department will provide ordered access for public and private interest groups, professional associations and the general public. Its purpose is to consider fully their opinions, perspectives, information and expertise in making departmental decisions."

- Policy for Public Consultation and Information Availability.

Environment Canada has initiated a policy of having senior departmental officials meet at least once a year with public interest groups and individuals to discuss environmental matters of common concern and to consult the public on proposed policies, programs and regulations. These meetings will be held in the regions and at headquarters in Ottawa.

The public can suggest the issues or policies they wish to have placed on the agenda for consultation by writing to the following regional and headquarters senior officials responsible for the public consultation policy:

Corporate Planning

Jacques G  rin
Senior Assistant Deputy Minister
Environment Canada
Les Terrasses de la Chaudi  re
Hull, Quebec K1A 0H3

Environmental Protection Service

Dr. Robert Slater
Assistant Deputy Minister
Environment Canada
Place Vincent Massey
Hull, Quebec K1A 1C8

Environmental Conservation Service

Dr. William Mountain
Assistant Deputy Minister
Environment Canada
Place Vincent Massey
Hull, Quebec K1A 0E7

**Atmospheric Environment
Service**

James Bruce
Assistant Deputy Minister
Environment Canada
Les Terrasses de la Chaudière
Hull, Quebec K1A 0H3

Canadian Forestry Service

F.L.C. Reed
Assistant Deputy Minister
Environment Canada
Place Vincent Massey
Hull, Quebec K1A 0E7

Parks Canada

A.T. Davidson
Assistant Deputy Minister
Environment Canada
Les Terrasses de la Chaudière
Hull, Quebec K1A 1G2

Regional Offices - Environment Canada**Atlantic Region
(Newfoundland, Nova Scotia,
Prince Edward Island,
New Brunswick)**

Dr. C.J. Edmonds
Director General
Environment Canada
5th Floor, Queen Square
45 Alderney Drive
Dartmouth, N.S. B2Y 2N6
(902)426-7155

Quebec Region

Patrice Dionne
Director General
Environment Canada
Champlain Building
2875 Laurier Blvd.
Ste. Foy, Quebec G1V 4H5
(418) 694-4077

Ontario Region

Howard Ferguson
A/Director General
Environment Canada
7th Floor,
55 St. Clair Avenue East
Toronto, Ontario M4T 1M2
(416) 966-6406

**Western and Northern Region
(Manitoba, Saskatchewan,
Alberta, Northwest
Territories)**

Dr. A.H. Macpherson
Director General
Environment Canada
9942-108th Street
8th Floor
Edmonton, Alberta T5K 2J5
(403) 420-2550

Pacific and Yukon Region
(British Columbia, Yukon)

Dr. L.A. Smithers
Director General
Environment Canada
903-1001 West Pender St.
Vancouver, B.C. V6E 2M7
(604) 544-8941

You will be notified regularly by Environment Canada of forthcoming meetings or events if you write to the office of Environment Canada in your region and ask to be placed on its consultation mailing list. Headquarters offices of national organizations should contact the headquarters office of one or more of the services of Environment Canada in which they have an interest, or contact the Information Directorate of Environment Canada.

If you request it, you will be sent information on the Public Consultation Policy. (See p.1-1.)

2.2 Environmental Assessment and Review Process (EARP)

You may ask to receive the Register of Panel Projects (see p.1-8) to keep abreast of projects that will be reviewed by EARP. Your local news media are also likely to report on EARP hearings in your area.

If you wish to become involved in the process of environmental assessment locally, or in any federal EARP project in which you have an interest, you should first contact the Federal Environmental Assessment Review Office in Ottawa to obtain the draft guidelines for preparation of the environmental impact statement (EIS).

When you have reviewed the material, you can write to FEARO and ask to be put on the mailing list for all further information on the project. You can also do two other things at this point:

1. Make suggestions about what you think should be studied and commented on in the environmental impact statement.
2. Make a recommendation about the type of expertise you think should be represented on the environmental assessment panel (EAP), or name individuals who could fulfill the role.

Your suggestions should be submitted to the Executive Chairman of FEARO for consideration before a panel is selected, but there are time limitations. Some suggestions may be kept for future reference by the chairman. It should be stated clearly that panel members are not representatives of groups involved but instead they are selected for their expertise and neutrality as individuals.

2.3 Advisory Councils, Committees and Boards of Review

There are at least three ways to be involved with advisory councils or boards of review, including environmental assessment panels.

1. You can encourage the minister to review a particular environmental issue or contaminant.
2. You can propose the names of persons to sit on a review panel.
3. You can write briefs, make presentations or respond to recommendations that result from the review process.

EARP has more mechanisms for public involvement, which are described above.

The councils, committees and boards that currently advise the Minister of the Environment are listed in Part 4, starting on page 4-6.

The function of an advisory committee is to gather and assess data and make recommendations before a decision to regulate a substance has been taken, and before a commitment to a particular control strategy has been adopted by the government.

Boards of review are concerned with evaluating the appropriateness of control policies proposed by the government. A board under the Environmental Contaminants Act is formed when a formal notice of objection to a proposed regulation or control action is submitted. If you wish to nominate a person to sit on a board of review, a key factor to keep in mind is the impartiality of the nominee. Panel members are selected on their individual merits; they are not appointed to represent any particular group, only their own skill and judgment matter. Each candidate must be a scientific, medical, technical, environmental or legal expert. In environmental assessment panels, however, it is not unusual to have people appointed to the panel who have special knowledge of the local community and geographical area where a federal project is proposed.

If your candidate is willing to be nominated, you should back your nomination with evidence that supports his or her expertise and impartiality. Nominations should be submitted to the minister and to the chairman of the committee, panel or board (if one already exists).

The third means of being involved is self-evident. Contact the secretary of the particular review panel to inform the panel of your interest and to obtain the necessary information about its mandate and schedule, and the background documents you will need to work on your brief or presentation. A worthwhile document to read is Andy Roman's Guidebook on How to Prepare Cases for Administrative Tribunals, available from the Consumers' Association of Canada, Ottawa. (See p.1-69.)

Your response to the final report of the panel or board should be directed to the Minister of the Environment and to the public media.

2.4 River Basin Planning Studies

The federal government has signed agreements with the provinces under which they will jointly develop management plans for water use in river basins of national interest. Some studies have a specific focus, such as the water quality study of the St. Lawrence River. Others are more comprehensive and examine the demands on the river basin for future domestic, recreation, agriculture, industry, transportation or energy use. A course is then selected for suitable water resource development. Public participation is an integral and vital part of river basin planning.

Investigations under way include studies of the Fraser River estuary, the Mackenzie River basin, Lake Winnipeg water quality, English-Wabigoon water quality, Ottawa River quality and quantity, North Shore rivers in Quebec and the Waterford River basin study in Newfoundland. A study of the Yukon River is under negotiation.

Contact the Inland Waters Directorate office in your region for further information.

River basin planning generally follows six stages:

1. Familiarization with the river basin. Reviewing what has already been studied or planned for the area around the river.

2. Intensive data collection on all aspects of river basin use, and public attitudes and perceptions on these uses.
3. Integration of data to examine how various water uses affect each other.
4. Collection of further data on specific uses to eliminate the deficiencies identified in stage three.
5. Formulating optional development plans. These may number as many as 10.
6. Public evaluation. This is a period for wide public discussion to allow the public to judge the options and their costs.

Once a planning study has been completed, a board of implementation is established to carry out the necessary work of the adopted plan. There are implementation boards to manage river basin plans for the Okanagan, Qu'Appelle, Souris and Saint John rivers. Contact them for further information on their river basin plan and the work they are doing. (See p.4-14 for contacts.) See also page 1-47, Canada Water Year Book 1976, a free publication that outlines the findings of the Qu'Appelle, Saint John and Okanagan river studies, and the IWD map of water investigation planning and management activities in Canada.

2.5 Canadian Environment Week

Environment Week will be held in the first week of June in 1982. Its purpose is to involve citizens from all walks of life in the one week that is set aside every year, from coast to coast, as time to reflect on environmental issues.

In the past, environmental groups, school groups, business and labor groups have been involved. Libraries have held displays and mayors have declared Canadian Environment Week in their communities.

Environment Week provides an opportunity for local activities to receive more attention from the media. Although every week should be Environment Week, you can use this time to publish special articles or issues of your

publication. Or you can hold regional conferences, film nights, lectures, seminars, school programs, ecological tours or other events to increase awareness of environmental issues in your community. Contact the Information Directorate of Environment Canada or any regional information officer for assistance. There may be projects that could be organized in cooperation with Environment Canada.

Each year a national theme is selected. Activities are planned and educational materials produced around this theme. If you would like to suggest a theme for next year's Canadian Environment Week, contact the Information Directorate, or the Environment Canada Information Officer for your region, who may be organizing local and national planning committees. Contact the above sources if you wish to be involved with these committees.

The National Survival Institute (a public interest organization) planned and coordinated Canadian Environment Week nationally in 1981. NSI presents awards to outstanding groups and individuals whose contributions to the stewardship of the environment deserve recognition. Nominations for these awards may be submitted to the National Survival Institute in any of the following categories:

1. Individual Achievement
2. Public Interest Group
3. Education
4. Labor
5. Business

Nominees under headings 2 to 5 are reviewed by a panel representing that sector of society.

The winner of the individual achievement award is selected by a vote of all the judges. Send your nominations to the National Survival Institute, 229 College Street, 3rd Floor, Toronto, Ontario M5T 1R4. A description of the achievements of your nominees should be included.

Contact NSI or the Public Affairs Branch of Environment Canada if you are interested in helping to judge the awards or if you wish to obtain further information on Canadian Environment Week activities.

2.6 Parks Canada

Parks Canada has made it a policy to consult the public and ask for public participation in the planning and development of national parks and national historic sites. You will be aware of proposed park and historic site plans in your area through the media.

Public workshops are held so that the public can be well enough informed to participate fully. In later public meetings, the concepts proposed by Parks Canada will be developed or modified into preliminary plans which give consideration to the public's advice. An organization or individual unable to attend meetings can keep in touch with the public participation coordinator at each Parks Canada regional office for information and can submit a written brief which will become part of the body of public opinion on the proposal. (See Part 1, contacts.)

A more formal hearing process is held for amendments to existing park or historic site plans or for changes to park regulations. All Parks Canada programs, policies and regulations are open for discussion when annual public consultation meetings are held by Environment Canada. Follow-up meetings may be held if there is enough interest among government and public participants. The public may also suggest new initiatives in parks policy, programming and regulations. (See Public Consultation Policy, page 2-1.)

If you wish to nominate an area that you believe has national significance, whether natural or historic, you can notify Parks Canada; it will review your nomination and possibly send someone to review the site. It may take a long time to have an area designated as a park or historic site, but it can be done. An enthusiastic public lobby is a key ingredient to its success. Your group can make its suggestion formally to the Minister of the Environment or to Parks Canada's System Planning Division. Local federal politicians and other organizations can be approached for backup support for your submission.

The Historic Sites and Monuments Board (see description in Part 4, page 4-11) reviews 50 to 60 proposals per year and recommends to the Minister of the Environment which proposals should be approved.

A commemorative plaque may be used to designate an historic site or person. People as well as places may be nominated for their significance in Canadian history.

Booklets available from Parks Canada outline the steps that you can take to have a building or site protected for its historic or natural significance (see p.1-64).

2.7 Flood Damage Reduction Program

Millions of dollars have been paid out for flood relief and rehabilitation by governments and other agencies - \$60 million in 1974 alone. The potential cost of flood damage increases annually because of continued

building in flood-prone areas. The Flood Damage Reduction program is designed to identify such areas and discourage further development that might be damaged by flood waters.

The program works under a general agreement signed by both the federal and provincial governments in which they undertake to map flood-risk areas and publicize them locally. Within the mapped high-risk areas, the governments agree not to assist in financing or building any project that would be susceptible to flood damage. To find out if you are in a flood-risk zone, contact the headquarters or regional office of the Inland Waters Directorate or the related provincial agency. (See listings, Part 1.) Not all provinces are involved in the Flood Damage Reduction program.

If your house was built before your area was designated flood prone, you may be eligible for government disaster assistance, provided you meet the requirements under the particular federal-provincial assistance program. Details of these conditions may be obtained from the responsible environmental, natural resource or municipal affairs departments in your province.

After a flood-risk map has been drawn, suitable land use and appropriate zoning become matters for municipal governments. You can get involved in your town or region in determining suitable land uses for flood plains, such as recreation, public parking or some forms of agriculture. You can also join the Emergency Measures Organization in your area to promote awareness of steps to take in flood emergencies.

2.8 Acid Rain

There is a strong need to educate the public and our elected officials on the problem of acid rain. A coalition has been formed to lobby in Canada and the United States for tough control measures on acid rain. It is called the Canadian Coalition on Acid Rain, and includes the following organizations:

- Canadian Fishing Tackle Industry
- Canadian Nature Federation
- Federation of Ontario Naturalists
- World Wildlife Fund (Canada)
- Ontario Federation of Anglers and Hunters
- Canadian Environmental Law Association
- Northern Ontario Tourist Outfitters' Association
- Sierra Club of Ontario

- International Atlantic Salmon Foundation
- Pollution Probe
- Canadian Wildlife Federation
- Federation of Ontario Cottagers' Associations
- Algonquin Wildlands League
- STOP (Montreal)
- Unit on Public Social Responsibility of
the Anglican Church of Canada
- Tourism Ontario
- Tourism Industry Association of Canada
- Conservation Council of Ontario

You can participate by joining one of the member groups. You can also promote awareness of the issue in your area with the assistance of Environment Canada. Leaflets, buttons, bumper stickers and research materials are available. Contact the Enquiry Centre for these materials, which are available in bulk supply.

If you have a specific proposal to make - an educational campaign, for example - contact the Public Affairs Branch, Information Directorate, the Acid Rain Information Officer, or your Regional Information Officer (see contact lists, beginning on page 1-10). See also Unsolicited Proposals, page 3-8.

2.9 Land Preservation

If you are interested in preserving land for wildlife, here is what you should know.

It is possible to donate property to the government of Canada for the purpose of protecting it as a wildlife preserve and for nature interpretation. The property will be maintained by the Canadian Wildlife Service. Property can be willed to the government (100 percent deductible from estate taxes), or organizations can purchase and consolidate land and donate it. There are limits, however, on both these actions.

Funds available to manage wildlife preserves have been severely constrained, to the extent that the CWS must consider a proposed donation in terms of its management costs. Before you decide to donate land, you should get in touch with CWS to discuss whether it is interested in the property. If the property is rare or vital wildlife habitat for the region, it will be more highly valued for preservation.

If you are interested in acquiring land to donate, discuss it first with CWS. Staff may be able to help you select the type of property most important to the preservation of endangered species. (CWS regional offices are listed in Part 1.)

Land may also be donated to private groups, such as the Nature Conservancy of Canada. There are tax benefits with this kind of donation too. Get in touch with a wildlife protection organization for further information about its program of habitat acquisition.

See also page 1-64, for information on how to have a park or historic site officially recognized and designated.

2.10 Other Ways to Get Involved

Get to Know Environment Canada Staff

There may be Environment Canada personnel in your area who can inform you about local and regional environmental problems. Invite them to attend your meetings or to speak to your organization about the issues and the ways available for non-governmental environmental organizations to be involved. Getting to know Environment Canada staff may help you to develop your projects. They may be able to provide information on an issue, or there may be cooperative projects you could undertake together.

Contribute to Data Bases

Environmental documents that you have produced, or that to your knowledge are relatively rare, may be contributed to a computer data system for others to use. Environment Canada's system, WATDOC, has been expanded to include environmental research documents of all kinds. It is now part of the Baseline Environmental Information Reference System.

Each of the five regions of Environment Canada has established research areas that have priority in that region, and has begun to collect documents relating to these areas.

How the Baseline Environmental Information Reference System Works

An abstract of a paper is written and a key word index is produced to help the researcher locate information. The environmental data base will vary in content from region to region to the national office in Ottawa, depending on specific priorities.

If you are interested in contributing to the data base of environmental information, you may contact a regional office of Environment Canada, which can put you in touch with the person in the region who is organizing, reviewing, selecting and classifying documents for the program. You may also contact WATDOC, Place Vincent Massey, 351 St. Joseph Blvd., Hull, Quebec K1A 0E7, telephone (819) 997-2324 or (819) 997-1238, for further information on the program or to submit documents for selection by the system.

Using the System

Computer searches are costly, about \$20 per request. By contributing to the system you may be able to establish a relationship with key users within Environment Canada (e.g., EPS regional offices) and perhaps be given access to their system on occasion. The data base is also available through some of the larger public and university libraries across Canada.

Computer search services for the Baseline Environmental Information Reference System:

Newfoundland

Memorial University, St. John's

Nova Scotia

Dalhousie University, Halifax

New Brunswick

Carol Enns, Recherche-Info-Search, 9 Centre St., Moncton
University of New Brunswick Library, Fredericton

Quebec

Laval University, Quebec City

Ontario

National Library, Ottawa

Q.L. Services Ottawa, Kingston and Toronto

Toronto Metropolitan Library

Brantford Public Library

Manitoba

Science Library, University of Manitoba, Winnipeg

Alberta

Calgary Public Library

British Columbia

L.M. Warren Inc., Vancouver

ISI Info Search, Vancouver

Science Library, University of Victoria

Contact the National Library Data Base Reference Service, (613) 992-0474, for a copy of computer search services in Canada.

Report Pollution Spills or Problems

The Environmental Emergencies Branch of EPS has established a 24-hour telephone and telex system across Canada to help deal with pollution problems quickly. This early warning is supplemented by two other computer programs. One helps locate the closest source of equipment to clean up the spill and the second analyzes spill reports to spot trends in accidents. If you spot a spill or environmental emergency, contact your local or provincial agency concerned or one of the environmental emergency telephones listed below. Call collect.

Nova Scotia
New Brunswick
P.E.I.
Newfoundland

(902) 426-6200

"

"

"

Quebec	(514) 283-2333
Ontario	(416) 966-5840
Manitoba	(403) 420-2580
Saskatchewan	"
Alberta	"
Northwest Territories	"
British Columbia, Yukon	(604) 666-6100

Yukon residents may also contact the office of the District Director, Yukon Territory, EPS, Environment Canada, (403) 667-7244, 24 hours a day to report an environmental emergency.

For further information on the work of the Environmental Emergency Branch of EPS, contact the Environmental Emergency Coordinator in your region or in Ottawa:

National Environmental Emergency Centre
Environmental Emergency Branch
EPS, Environment Canada
Hull, Quebec K1A 1C8
(819) 997-3742

Environmental Emergency Coordinator
Atlantic Region
EPS, Environment Canada
5th Floor, Queen's Square
45 Alderney Drive
Dartmouth, Nova scotia B2Y 2N6
(902) 426-2576/6317

Environmental Emergency Coordinator
Quebec Region
EPS, Environment Canada
1550 Maisonneuve Blvd., 4th Floor
Montreal, Quebec H3G 1N2
(514) 283-2345/6418

Environmental Emergency Coordinator
Ontario Region
EPS, Environment Canada
7th Floor, Arthur Meighen Building
25 St. Clair Avenue East
Toronto, Ontario M4T 1M2
(416) 966-5840

Environmental Emergency Coordinator
Western and Northern Region
EPS, Environment Canada
9942-108 Street, 8th Floor
Edmonton, Alberta
T5K 2J5
(403) 420-2580

Environmental Emergency Coordinator
Pacific and Yukon Region
EPS, Environment Canada
Kapilano 100 - Park Royal
West Vancouver, British Columbia
V7T 1A2
(604) 666-1370/6711

PART THREE. GETTING FUNDING

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PART 3. GETTING FUNDING

3.1 Environment Canada Grants and Contributions

Grants and contributions made by a department or agency are expected to contribute to its objectives as much as the department's or agency's own operating expenditures.

A grant is a payment authorized by Parliament as an outright subsidy, without the requirement to provide proof of use through an audit. Contributions are payments made subject to an audit, made to satisfy the government that payments are in accordance with agreements.

Environment Canada gives financial grants to organizations that have advanced the public awareness of environmental conservation, such as the Canadian Nature Federation, the Canadian Wildlife Federation and the Canadian Forestry Association. Information on the size of grants and contributions for public interest organizations is available in the Government of Canada Budget Estimates, available in any major library.

3.2 DOE Policy of Assistance to Environmental Groups

Environment Canada is formulating a program of assistance to public interest groups. Public interest groups have been asked to be involved in the very early stages of concept development for this program, and again when a broader stage of consultation occurs on ideas generated from the first stage.

The Environmental Non-Governmental Organization (ENGO) network has been asked to select four representatives who will help identify potential opportunities for assistance. The options available will be discussed across Canada by all interested groups and individuals before a policy is defined. To give your advice or ideas, contact the ENGO steering committee member for your region (see list below).

ENGO Steering Committee

Northern Sector

Linda Erlich
Yukon Conservation Society
302 Steele Street
Whitehorse, Yukon Y1A 2C5
(403) 668-3441 (home)
(403) 667-7631 (office)

Quebec

Charles Mallory
STOP
1361 Greene Avenue
Montreal, Quebec H3Z 2A5
(514) 488-0439 (home)
(514) 932-7267 (office)

British Columbia

David Garrick
SPEC
405-207 West Hastings Street
Vancouver, B.C. V6B 1H7
(604) 876-4993 (home)
(604) 669-4554 (office)

Prairie Sector

Brian Staszewski
Alberta Wilderness Association
R.R. #1
Thorsby, Alberta T0P 2P0
(403) 789-2243 (home)
(403) 434-0892 (office)

Ontario

Ed Burt
Gore Bay, Ontario P0P 1H0
(705) 282-2886

Atlantic

Dana Silk
Conservation Council of New Brunswick
180 St. John Street
Fredericton, N.B. E3B 4A9
(506) 454-0201 (home)
(506) 454-6062 (office)

National

Beatrice Olivastri
National Survival Institute
3rd Floor, 229 College Street
Toronto, Ontario M5T 1R4
(416) 537-3463 (home)
(416) 593-4101 (office)

To be kept informed of public meetings in your area on this assistance program, contact the Environment Canada office in your region (addresses start on p.3-1).

3.3 Information Directorate

Since 1980, the Information Directorate has participated in the organization of several seminars with environmental non-governmental organizations (ENGOS) and provided the initial spark for many joint projects. The directorate wants to increase this participation. Some funding is available for ENGO projects. Priority will be given to projects in the following areas: toxic substances, acid rain, the forest, energy, water resources, climatic changes, and the North. Contact the Public Information Officer at (819) 994-1410 for further information.

3.4 Canadian Environment Week

If you would like to get involved, contact your Regional Information Officer or the Public Affairs Branch, Information Directorate.

3.5 Transportation to Public Consultation Meetings

Environment Canada will refund to representatives of public interest or professional organizations 100 percent of their transportation costs when they attend regional or national public consultation meetings. To qualify, you must represent an organization that has not been formed for the purpose of promoting the financial interests of its members. Secondly, the organization must need financial assistance.

To apply for travel assistance (which does not include food or lodging), you should contact the Regional Information Officer (see Part 1) or the Public Affairs Branch (see p.1-3) with your request for travel assistance and a brief summary of your reason for attending the meeting. You should apply six weeks in advance if you are given adequate notification of the date of the meeting. Otherwise, apply as soon as possible. In some cases a financial statement may be requested to verify the need for assistance.

Individuals may apply for assistance subject to the approval of the Minister of the Environment. Write to the minister with your request and at the same time send a copy to the Regional Information Officer or Public Affairs Branch, Information Directorate. Financial need must be explained in the letter, along with your reasons for attending. The regional or headquarters coordinators of the meeting will notify you or your organization whether your request for financial assistance has been approved or not. Of course, public consultation meetings are open to everyone, whether or not they are funded to attend. See Public Consultation Policy (page 2-1) for further information about the program.

4.6 Acid Rain Program

In 1980 the federal government substantially increased its budget for acid rain research. A total of \$41 million dollars will be available for scientific and technical projects on the subject from 1980 to 1984. Funding of proposals began in the summer of 1981. You may submit proposals through the Department of Supply and Services' Unsolicited Proposals, or through the Research and Development Bulletin Request for Proposals. (See Unsolicited Proposals, page 3-8; also the listings calling for tenders, page 3-8.)

The program is divided into two parts, Acid Rain Control Strategies and Acid Rain Scientific Research. Responsibility for implementing the program, which is being funded by a number of government departments (Transport, Environment, Health and Welfare and External Affairs), is divided between two persons. Contact: Alex Manson, Acid Rain Control Strategies, EPS Ottawa, (819) 997-1843; or Hans Martin, Acid Rain Scientific Research, AES Downsview, (416) 667-4803.

It would be wise to discuss your ideas for research with one of the coordinators before submitting an unsolicited proposal. Coordinators can tell you whether your research idea has merit and they may tell you how to make it more directly to the research needs of the department.

DRECT

The Development and Demonstration of Resource and Energy Conservation Technology (DRECT) program is administered by Environment Canada and Energy, Mines and Resources Canada. Under this program, private industries and organizations as well as provincial and municipal authorities can apply to DRECT for partial funding of projects dealing with innovative methods, procedures, processes or equipment aimed at waste reduction, recovery and recycling of wastes and energy, especially the energy derived from non-renewable resources. Contact: Dave Campbell, Waste Management Branch, Environment Canada, Ottawa, Ontario K1A 1C8, (819) 997-4334.

3.7 ENFOR Program

ENFOR (ENergy from the FORest) is a six-year, \$30-million dollar research and development program being coordinated by Canadian Forestry Service headquarters in Ottawa. Its objective is to improve our scientific and technical knowledge of the potential of biomass for energy production from the forests.

The program is divided into two parts: 1. Biomass production. This includes biomass inventories; growing, harvesting, storing and transporting forest biomass; and assessing the social, economic and ecological impact of biomass production. Production-related projects are usually managed by one of the regional centres of CFS or the National Forestry Institute. (See Part 1 for the locations of these centres.) 2. Biomass conversion. This research involves the conversion of forest waste in the woods and mills to produce energy, fuels and chemicals. Conversion projects are administered by CFS headquarters in most instances. You may submit a proposal and it will be evaluated by a technical committee of government and industry CFS personnel.

Further information on the proposal procedure may be obtained from:

ENFOR Secretariat,
CFS, Environment Canada
Place Vincent Massey
351 St. Joseph Blvd.
Hull, Quebec K1A 0E7
(819) 997-3409

(See also ENFOR Review, page 1-54.)

3.8 Other Government Sources

National Research Council Of Canada

- Mini-Industrial Research Assistance Program (Mini-IRAP)

Mini-IRAP funds the hiring of technical personnel for technology research and development projects. It is directed towards the young, small company or organization needing assistance to develop technical expertise. Research projects should aid a particular sector of the economy - forestry, agriculture or fishing, for example.

You may receive up to \$25 000 for salaries per year from the program, but you must be able to carry other costs.

Further details may be obtained from:

C. Garrett
Program Secretariat
NRC Committee on Industrial Research Assistance
National Research Council of Canada
100 Sussex Drive
Ottawa, Ontario K1A 0R6

- Science and Engineering Student Program (SESP)

The National Research Council has a program for hiring students in science and engineering for short-term problem solving. SESP could be used for environmental demonstration or energy conservation projects, or for scientific or technical help (for example, examining methods of recycling industrial and manufacturing wastes in your community).

Students supported under SESP must be added to your present staff. They must be supervised by qualified, professional personnel and employed in a way appropriate to their technical training. Scientific and technical students hired must be attending a recognized full-time program of study. Contributions will be made by the NRC toward the salary of a student for four-month periods; \$3 000-\$4 000 is the average amount per student.

Proposals should be submitted to:

Girard Kirouac
Technical Information Service (SESP)
National Research Council
Montreal Road, Bldg. M-55
Ottawa, Ontario K1A 0S3
(613) 993-1753

- Scientific and Technical Employment Program (STEP)

STEP is another program from the National Research Council. It is designed to help create permanent jobs for unemployed graduates in scientific and technical fields. If an activity is a new initiative for your company and may lead to the creation of jobs, STEP can assist. Scientists, engineers, technologists and technicians, particularly in the fields of physics, chemistry, biochemistry and biology, are supported under STEP.

Annual assistance of \$8 100 per person is provided for up to one year. If additional jobs are created by the employee, annual assistance may be as high as \$14 000. Most jobs created under STEP have been in small companies. Further information may be obtained from:

Dr. Kevin Bell
STEP Program
National Research Council
100 Sussex Drive
Ottawa, Ontario K1A 0R6
(613) 992-0081

Canadian Employment and Immigration Commission (CEIC)

- Canada Community Development Program

Designed by CEIC'S Employment Development Branch, this program provides funds to any established organization, partnership or company to create jobs in areas where services and facilities do not exist. While a project is being funded by the program it must not be profit-oriented, and it must not exceed one year in length. The program may not be continued in 1982, but another similar program may be set up.

Organizations should contact the Canada Employment Centre in their area in September and January to be kept informed of new programs for employment as they are developed.

- Canada Manpower Industrial Training Program (CMITP)

CMITP helps organizations establish training programs to improve the skills of their employees or to hire jobless people to train. It applies particularly to organizations that are finding it difficult to locate employees skilled for certain tasks or who are considering laying off employees because they lack necessary skills. If your program qualifies, you will be reimbursed for direct training costs including the instructor's wage, associated travel costs and living expenses while on a training course, training aids and course fees.

The level of reimbursement for each item is subject to negotiation between you and the Canada Employment Centre in your area.

Industry, Trade and Commerce (ITC)

- Small Business Intern Program (SBIP)

SBIP is designed for those who would like to hire recent graduates but who feel their business is too small to afford it. The program will put up as much as 50 percent of salaries for up to one year. The maximum assistance payable is \$675 per month.

SBIP demonstrates no preference for any particular economic sector. A high percentage of applications are approved. Further details may be obtained from any regional ITC office, or contact:

Ian Fraser
Small Business Secretariat
Industry, Trade and Commerce
Ottawa, Ontario K1A 0H5
(613) 593-5722

National Museums of Canada

Heritage organizations and other environmental organizations interested in obtaining federal funds or materials for displays or information programs will find the guide produced by the National Museums of Canada useful.

The Guide to Federal Services for Museums, by Victoria Dickenson, gives information on the exhibits, collections, research information and audiovisual materials available from government departments and agencies. Funding is also discussed under each possible source. The guide is available from:

National Museums of Canada
Esplanade Laurier
300 Laurier Avenue West
Ottawa, Ontario K1A 0M8

Department of Supply and Services (DSS)

- Request for Proposals (RFP)

RFP applies to organizations and persons who are interested in providing services for government departments. These services could be research or demonstration projects. The Research and Development Bulletin published by DSS is the major source of information both on opportunities for proposals and on contracts already awarded.

Although RFP is not strictly a funding program, it is a source of funds, as your services would be purchased by DSS for a given government department. For further information contact:

Brad Ralph
Science Centre
Department of Supply and Services
Hull, Quebec K1A 0S5
(819) 997-7476

- Unsolicited Proposals

The Department of Supply and Services' Unsolicited Proposals program was set up to examine unique projects not covered by established government programs.

DSS sends your proposal to be examined by government departments that may have an interest in it. At least one other federal department must be interested in the proposal before DSS will fund it. In some cases funding is contributed from this other department.

The time needed to process an unsolicited proposal varies. Patience is required. Contract awards range from \$10 000 to \$1 000 000 or more, and between one-quarter and one-third of all applications are approved.

Your proposal will be evaluated on the originality of your ideas or on the unique position of your organization to do the work. Many environmental and energy proposals fall into this category. They are often related to the work of a number of different government departments, which makes them more likely to be accepted. It would be wise to test your ideas and proposals with persons in departments who may be asked by DSS to evaluate them before submitting them. (See Other Things You Should Know, this page.)

For further information contact:

J. Holinsky
Director, Programs Branch
Science Centre
Department of Supply and Services
Place du Portage
Hull, Quebec K1A 0S5
(819) 997-7428

3.9 Other Things You Should Know

Submitting a Proposal

If you have an idea for an information or education project, your proposal should be submitted to the Information Directorate. (See p.1-1.) Your project could be funded if it meets the following criteria:

1. The project should serve the public interest and educate and inform on environmental issues, natural resource conservation or historical preservation.
2. An organization submitting a proposal should not be profit-oriented or serve the financial interests of its members.
3. Proposals should be submitted as early as possible before the project has begun.

4. The project should be national in scope, preferably, and the result of the project should be applicable throughout Canada.
5. Projects should be bilingual as far as possible.
6. A project budget must be included in the proposal and it should be made clear exactly what costs Environment Canada is being asked to pay. The next section - Fundable Expenses - will guide you on what expenses the department can fund. If you will be receiving financial assistance for the proposal from other sources, it is a good idea to include this in the total project budget. It may make your proposal more acceptable. It is also worthwhile to show in the budget the volunteer time members of your group will be donating to the project, and to list it as an expense or contribution in kind. You may legitimately be able to say that you will be funding 50 percent of the implementation of the project and that Environment Canada is being asked to match that contribution.

Finally, if you are planning to organize a conference or some other educational event, it is more likely to be funded if you have invited Environment Canada to participate, by sending a speaker or a resource person for a workshop, for example.

Fundable Expenses

Not all expenses can be funded under the Treasury Board guidelines established for Environment Canada. It is useful to keep this in mind so that you do not request funding assistance for costs Environment Canada cannot consider. The following expenses may be requested in your proposal to the Information Directorate:

1. The research and writing of a script, manuscript, pamphlet, a series of articles or other information material
2. Printing, advertising or mailing and distribution costs related to the production of the information materials or an issue of an environmental journal
3. The printing or advertising costs of publicizing a seminar, conference or annual meeting

4. Costs of organizing a conference or another educational event, such as the honoraria for speakers, rental of equipment and facilities, communication costs (telephone and postage should be shown as communication costs), other materials and supplies
5. Preparing, printing and distributing a final report or proceedings of a conference.

Salaries may only be shown as costs for preparation of educational materials. Travel costs are not covered, although it is not uncommon to include these expenses under organizational costs for conferences or honoraria for speakers. You should not list them directly in your budget.

It may take two weeks or more before you receive a response to your proposal. There may be a further delay between the time your proposal is approved and the contract becomes official.

If you include a schedule which indicates when you will need to be reimbursed during the time of the contract, you may submit an invoice early in the contract to pay a printing or advertising bill. Copies of the printed materials should be enclosed with the invoice.

If you send an invoice early in the life of the contract for research or writing of information, it is suggested that you send a copy of the first draft (it can be rough) with your invoice.

It is important to keep in mind that the contract is for a product exchanged for funds. Therefore, proof is required and careful thought should go into your proposal as to how you plan to meet this requirement. It is easy to get wrapped up in carrying out an educational project and give little attention to justifying your work with a report on your activities. Try writing the report as you go along and save news clippings, posters and other documentation of events to include with the report.

Projects with expenses greater than \$5 000 are rarely funded completely; it is possible to divide the proposal budget into phases, however, if the work lends itself to being extended over time, so that more than \$5 000 can be funded over two or more contracts or over two fiscal years. (The fiscal year extends from the first of April until the end of March.)

For contracting of professional research services, you may submit an unsolicited proposal or apply under the DSS Request for Proposals. (See p.3-8.)

PART FOUR: ENVIRONMENT CANADA'S MANDATE
AND HOW IT IS CARRIED OUT







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